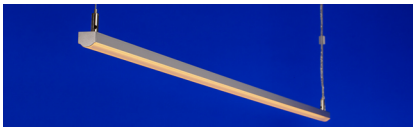
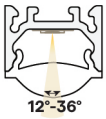
VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended





- 80 Suspension Kit configurations allow fixture to be seamlessly incorporated into any interior
- Create long, continuous lines of light with easy-to-use inline bracket and double feed joiner connectors
- Optically enhanced VERSatile fixture with grazing properties ranging from 12° to 36°
- The high quality lens features a proprietary diffusing agent for superior beam control and clean edges
- Features integrated metal endcaps and durable anodized aluminum housings
- White Optics, an internal coating that results in greater lumen output, comes standard in all VERS fixtures
- Consult factory for field assembly options
- Optional external louver accessory available in white or black for added glare control

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	LENS	EXTERNAL LOUVER

ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
	BW	CLS	SV	AWM	SK			

Sample Part Number: **VERS-04-DW-2.5HE-20/30-DRY-GZR-L1-BK-P1-CON6-CON6-BK-CL2-MG-BK-48"-E**

1 PRODUCT

VERS-04-SK-DW
VERS-04-SK-DW-USA

Select USA option for BAA and BABA projects.

LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.

2 WATTS/FT

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE
4.0HE 4.0W/ft HE

1.5HE 1.5W/ft HE
2.5HE 2.5W/ft HE

3 CCT

18/30 1800K/3000K
18/35 1800K/3500K
20/27 2000K/2700K
20/30 2000K/3000K
24/40 2400K/4000K
27/40 2700K/4000K
27/55 2700K/5500K

18/30 1800K/3000K
18/35 1800K/3500K
20/27 2000K/2700K
20/30 2000K/3000K
24/40 2400K/4000K
27/40 2700K/4000K
27/55 2700K/5500K

4 RATED

DRY IP20

DMP IP54

5 LENS

25D Optical 25°
GZR Grazer

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages.

6 EXTERNAL LOUVER

L1-WH White Plastic
L1-BK Black Plastic
L2-ST Satin Anodized Aluminum
L2-BK Black Anodized Aluminum
L2-WH White Powder Coated Aluminum
N/A No Louver

L1 Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. L2 Aluminum louvers come in maximum 98" lengths and will be cut to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.

7 WIRE INPUT/OUTPUT

SINGLE (Input Only)
S2 Bottom Feed

8 CONNECTOR/WIRE IN

BW Bare Wire (Standard 36")

BW: Standard length is 36", max length is 120". Request custom length by writing in part number next to BW (example: BW48)

9 CONNECTOR/WIRE OUT

CLS Closed End (No feed)

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

10 WIRE COLOR

SV Silver

11 WIRE TYPE

AWM Appliance Wiring Material

12 MOUNTING

SK Suspension Bracket

13 FINISH

ST Satin
BK Black
BZ Bronze
WH White
CU Custom

White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.

14 LENGTH (IN)

Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

15 EXACT/OPTIMAL

O Optimal Illumination
E Exact Specified Length

Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.

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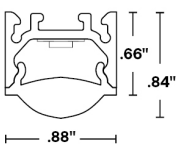
Specification subject to change. Rev-04-01-26

5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance

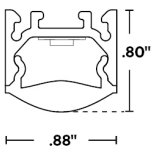
VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

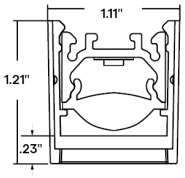
1 PRODUCT - DIMENSIONS



Profile with GZR lens



Profile with 25D lens



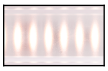
Profile with GZR & L1 Louver

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-04-SK-DW-**-**-DRY

	2.5HE W/FT									
	2000K		2700K		3000K		4000K		5500K	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
GZR	225	92	251	98	266	98	278	97	307	97
25D	223	93	250	98	256	98	259	97	287	97

5 DIODE VISIBILITY

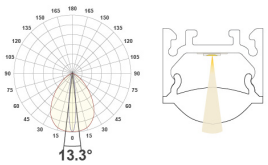


Optical lens

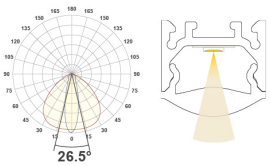
PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

6W/ft Grazer lens



6W/ft 25D lens



TEMPERATURE RATINGS

		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT	
		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	110°F
DMP	Ambient Operating Temp - Surface	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	—	—	—	—

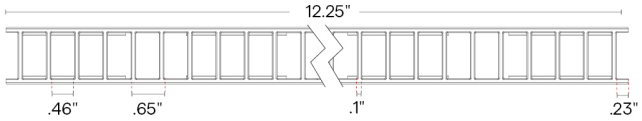
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VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

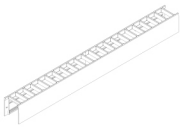
24VDC Linear Fixtures - Suspended

6 EXTERNAL LOUVER

PLASTIC



L1-XX

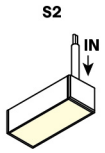


Lumen Multiplier

WH	BK
0.70	0.54

7 WIRE INPUT/ OUTPUT

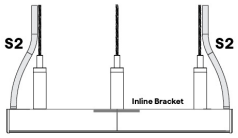
SINGLE (Input only)



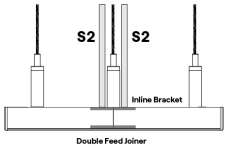
CONFIGURATION OPTIONS



Single Feed



Continuous Row End Feeds

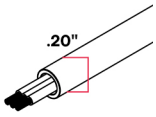


Continuous Row Center Feeds

8 / 9 CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product.

BW



Bare Wire 36" | 22 AWG
Clear outer jacket, metal shield

10 WIRE COLOR

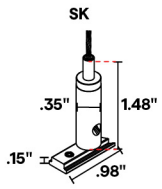
Silver

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VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

12 MOUNTING



Suspension Bracket

2 required up to 6' lengths; additional support required between 6' to 8'

13 FINISH



Satin

Black

Bronze

White

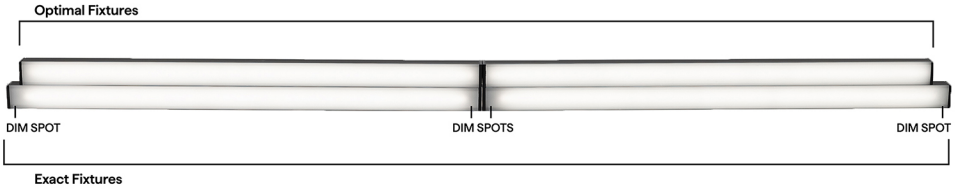
White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.

15 EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

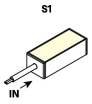
E/O Explained →

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.

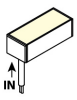


DW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture  End Feed
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S2  Bottom Feed
12"	10.59"
13"	12.59"
14"	12.59"
15"	14.59"
16"	14.59"
17"	16.59"
18"	16.59"
19"	18.59"
20"	18.59"
21"	20.59"
22"	20.59"
23"	22.59"
24"	22.59"
36"	34.59"
48"	46.59"
60"	58.59"
72"	70.59"
84"	82.59"
96"	94.59"

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VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

COMPATIBLE POWER SUPPLIES

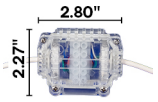
See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR
	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle

DIMMING PROTOCOL	INDOOR
	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QTM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8-AWN
DMX LED wattage must be doubled for DW-HE products	QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

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VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage

VERS-SK

Linear Fixtures - Suspended



- Shop drawings required for run lengths over 8ft
- If no suspension length provided, 36" is standard
- Suspension cable maximum length: 120"
- Suspension cable is field cuttable
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Any run length over 8' requires inline brackets
- Consult factory for power over aircraft
- Consult factory for custom color of canopy
- Lag Screw is for mounting into drywall, wood, or other types of finished ceilings for non-feed mounting only

POWER FEED SUSPENSION KIT

1 PRODUCT	2 FEED	3 CANOPY SHAPE	4 CANOPY SIZE	5 CANOPY FINISH	6 APPLICATION	7 SUSPENSION CABLE LENGTH (IN)
SK			5"			

Sample Part Number: **SK-SF-RD-5"-WH-JB-36"**

1 PRODUCT

SK	

2 FEED

SF	Single
DF	Double

3 CANOPY SHAPE

RD	Round
SQ	Square

4 CANOPY SIZE

5"

5 CANOPY FINISH

WH	White
BK	Black

6 APPLICATION

JB	Junction Box
TB	T-Bar Mount

JB - mounting bracket only, junction box not included
TB - mounting bracket and junction box

7 SUSPENSION CABLE LENGTH (IN)

36"
120"

NON-FEED SUSPENSION KIT

1 PRODUCT	2 FEED	3 CANOPY SHAPE	4 CANOPY SIZE	5 CANOPY FINISH	6 APPLICATION	7 SUSPENSION CABLE LENGTH (IN)
SK	NF					

Sample Part Number: **SK-SF-RD-5"-WH-JB-36"**

1 PRODUCT

SK	

2 FEED

NF	No Feed

3 CANOPY SHAPE

RD	Round
SQ	Square

4 CANOPY SIZE

2"
5"
5"

5 CANOPY FINISH

WH	White
BK	Black
WH	White
BK	Black

6 APPLICATION

TB	T-Bar Mount
LS	Lag Screw

TB - T-Bar clip only, junction box not included

JB	Junction Box

Mounting bracket only, junction box not included

7 SUSPENSION CABLE LENGTH (IN)

36"
120"

KIT CONTENTS

- 1/16" Steel suspension cable – 36" standard
- Selected canopy
- Cable Gripper
- Cable Coupler

JBOX
- Bracket to mount to junction box (junction box not included)
- Wire strain relief
- Ties for securing electrical cable to suspension cable

T-BAR – feed
- Includes junction box specifically designed for T-BAR applications
- Bracket to mount to junction box
- Wire strain relief
- Ties for securing electrical wire to suspension cable

T-BAR – non-feed
- Bracket to mount to T-BAR (no junction box)

LAG SCREW – non-feed only
- Double ended screw, with a wood thread side and machine thread side
- One piece cable coupler

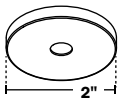
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VERS-SK

Linear Fixtures - Suspended

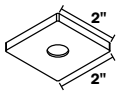
3 CANOPY OPTIONS

RD - 2" - NF



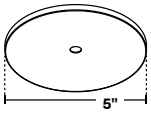
Round
2"
No Feed

SQ - 2" - NF



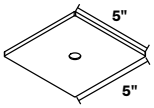
Square
2"
No Feed

RD - 5" - NF



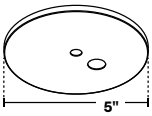
Round
5"
No Feed

SQ - 5 - NF



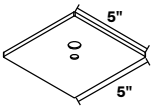
Square
5"
No Feed

RD - 5" - SF



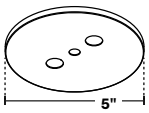
Round
5"
Single Feed

SQ - 5" - SF



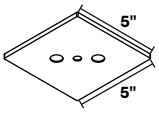
Square
5"
Single Feed

RD - 5" - DF



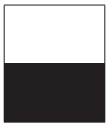
Round
5"
Double Feed

SQ - 5" - DF



Square
5"
Double Feed

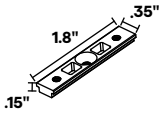
5 CANOPY FINISH



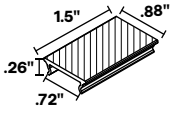
White

Black

JOINTS/CONNECTORS



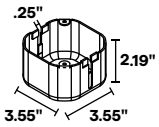
Inline Bracket



Double Feed Joiner

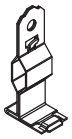
6 APPLICATION

TB
Power Feed Kit



T-Bar Junction Box

TB
Non-Feed Kit



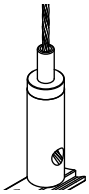
T-Bar Clip

LS



Lag Screw

KIT HARDWARE



Cable Gripper



Cable Coupler

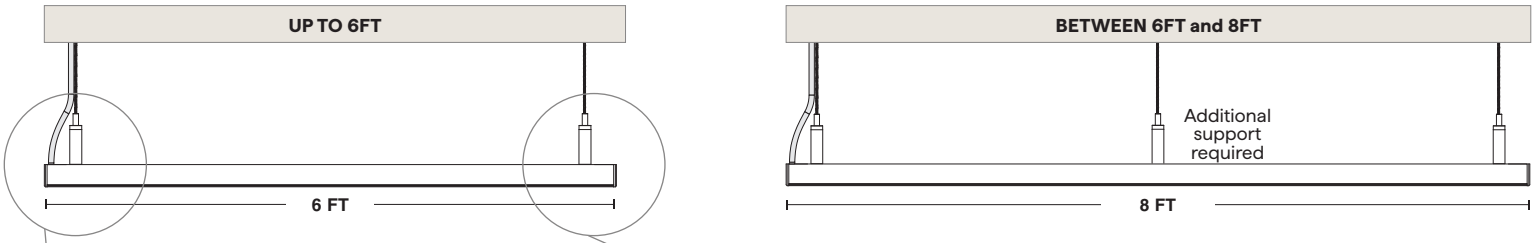
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VERS-SK

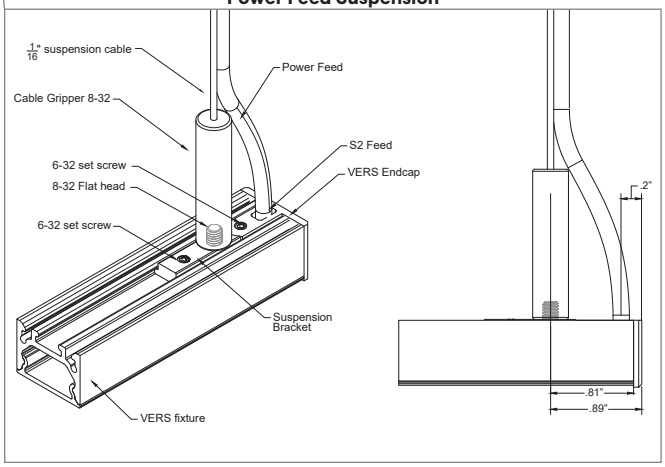
Linear Fixtures - Suspended

MOUNTING

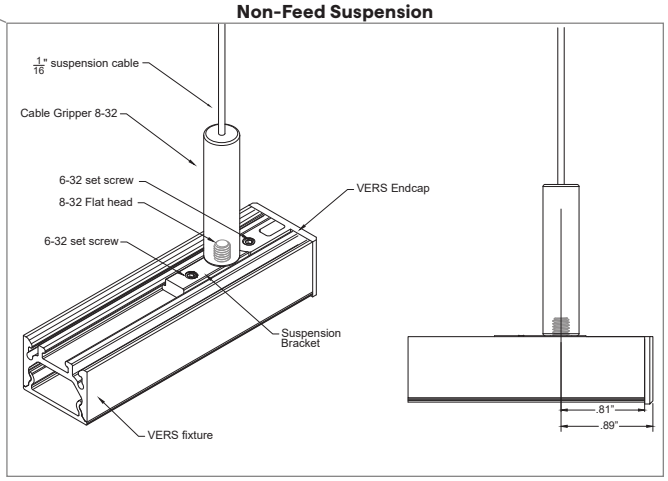
- Maximum single fixture length: 98”
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25” in middle without additional support.
- Shop drawings required for run lengths over 8ft
- Any double fed fixture will come with double feed joiner and inline bracket



Power Feed Suspension



Non-Feed Suspension



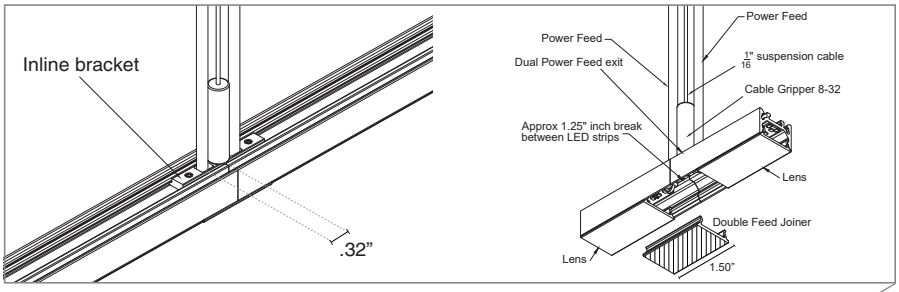
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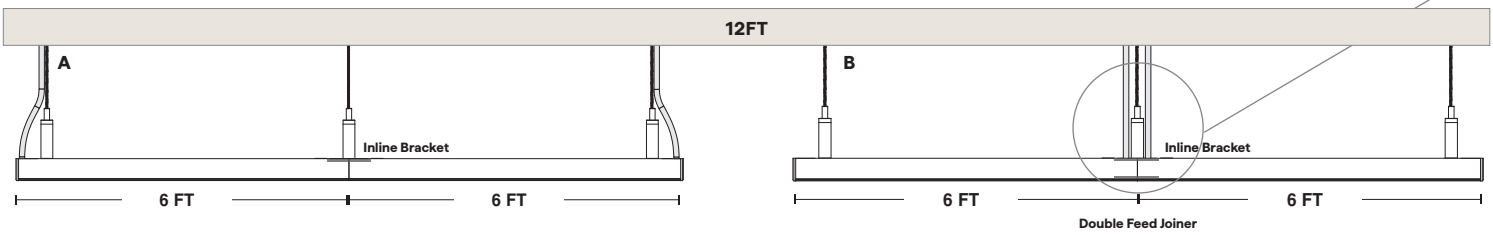
VERS-SK

Linear Fixtures - Suspended

MOUNTING

- Maximum single fixture length: 98"
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Shop drawings required for run lengths over 8ft
- Any double fed fixture will come with double feed joiner and inline bracket

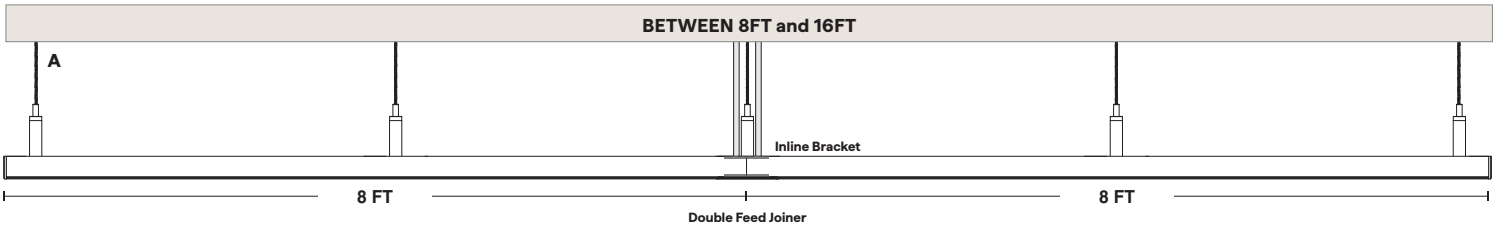


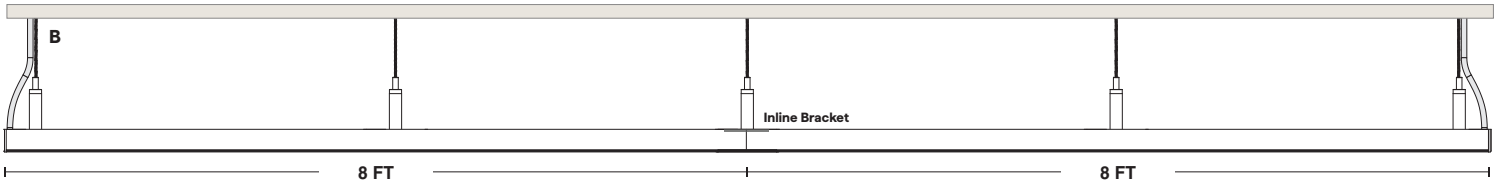


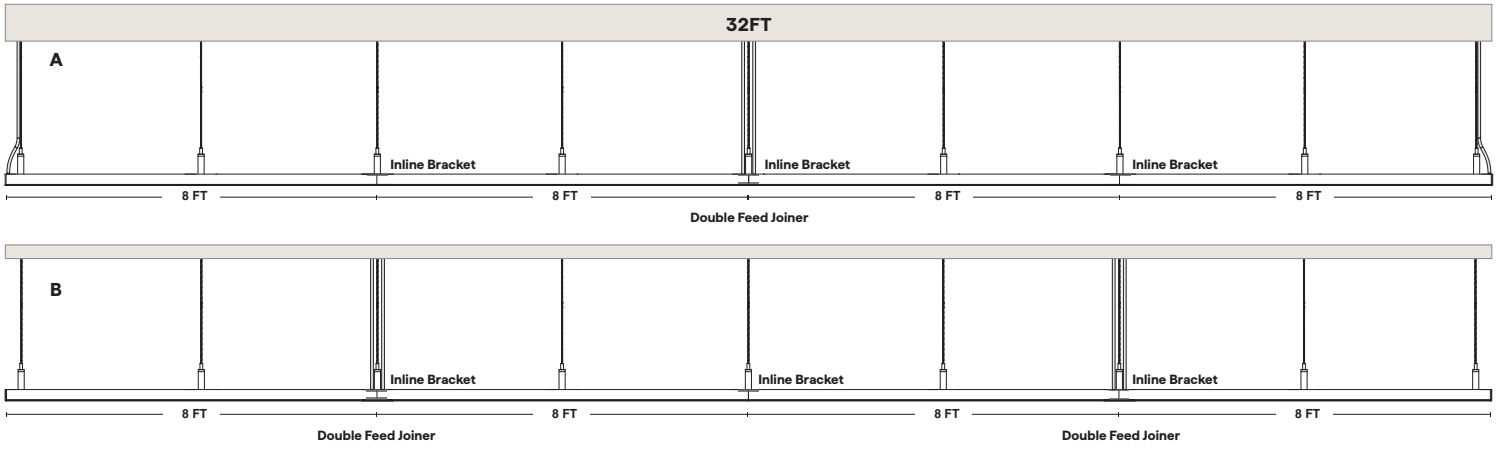
Part number example for a suspended VERS-01 dry rated static white fixture with a diffused lens in 1.5W/ft, 3000K, in a satin finish:

A VERS-01-SK-SW-1.5-30-DRY-DF-N/A-S2-BW-CLS-SV-AWM-SK-ST-144" (1X)
SK-SF-RD-5"-WH-JB-36" (2X)
SK-NF-RD-5"-WH-JB-36" (1X)

B VERS-01-SK-SW-1.5-30-DRY-DF-N/A-S2-BW-CLS-SV-AWM-SK-ST-144" (1X)
SK-DF-RD-5"-WH-JB-36" (1X)
SK-NF-RD-5"-WH-JB-36" (2X)







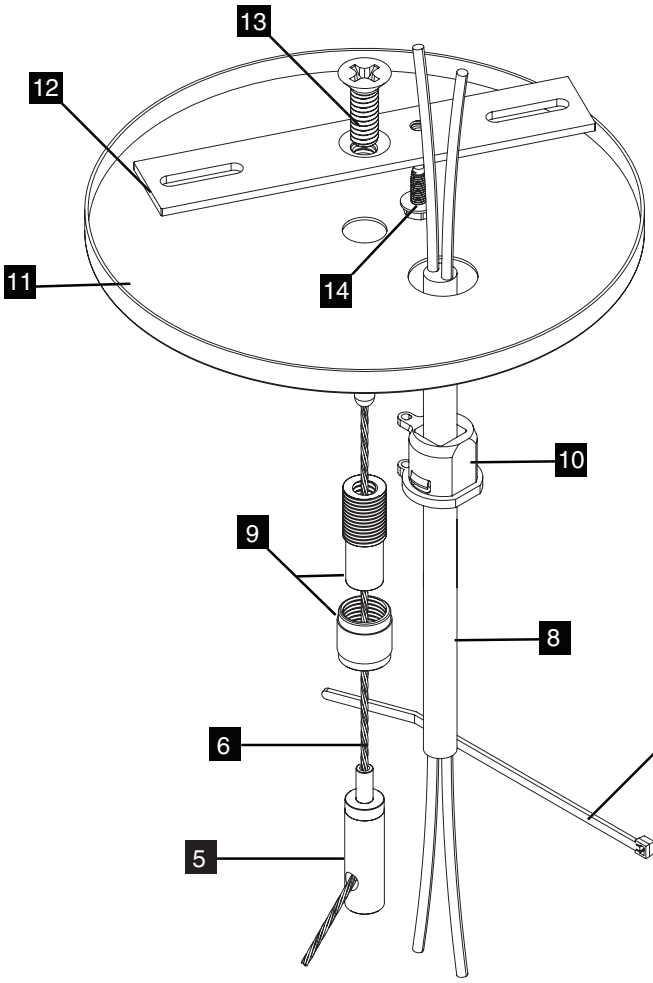
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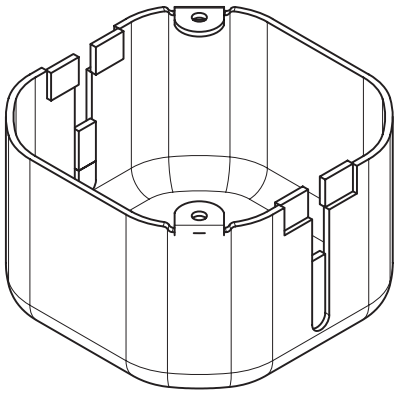
VERS-SK

Linear Fixtures - Suspended

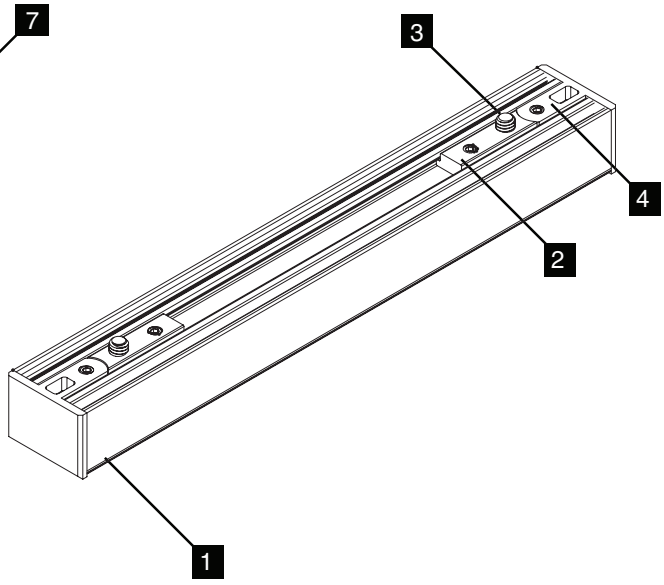
SUSPENSION T-BAR POWER FEED ASSEMBLY

SK-SF-RD-5-**-TB-36





15 T-Bar mounted Junction Box



VERS SUSPENSION COMPONENTS

1 VERS	2 Suspension Bracket	3 8-32 Screw	4 Endcap	5 Cable Gripper	6 1/16” Cable	7 Tie
8 Lead Wire	9 Cable Coupler	10 Strain Relief	11 Canopy	12 Crossbar	13 1/4”-20	14 Ground Screw

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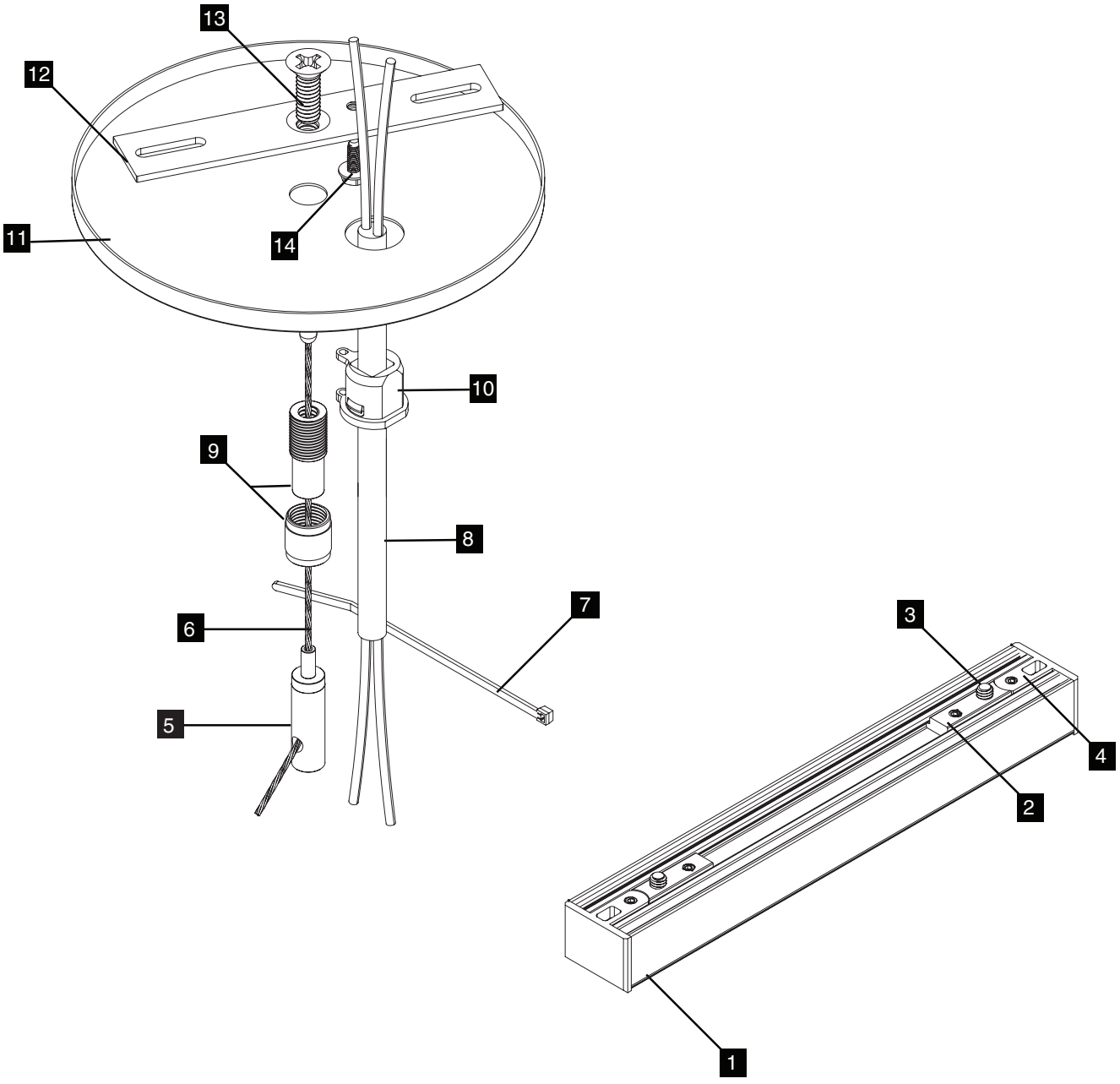
VERS-SK

Linear Fixtures - Suspended

SUSPENSION POWER FEED ASSEMBLY - TO MOUNT TO JUNCTION BOX*

*JUNCTION BOX NOT INCLUDED

SK-SF-RD-5-**-JB-36



VERS SUSPENSION COMPONENTS

1 VERS	2 Suspension Bracket	3 8-32 Screw	4 Endcap	5 Cable Gripper	6 1/16” Cable	7 Tie
8 Lead Wire	9 Cable Coupler	10 Strain Relief	11 Canopy	12 Crossbar	13 1/4”-20	14 Ground Screw

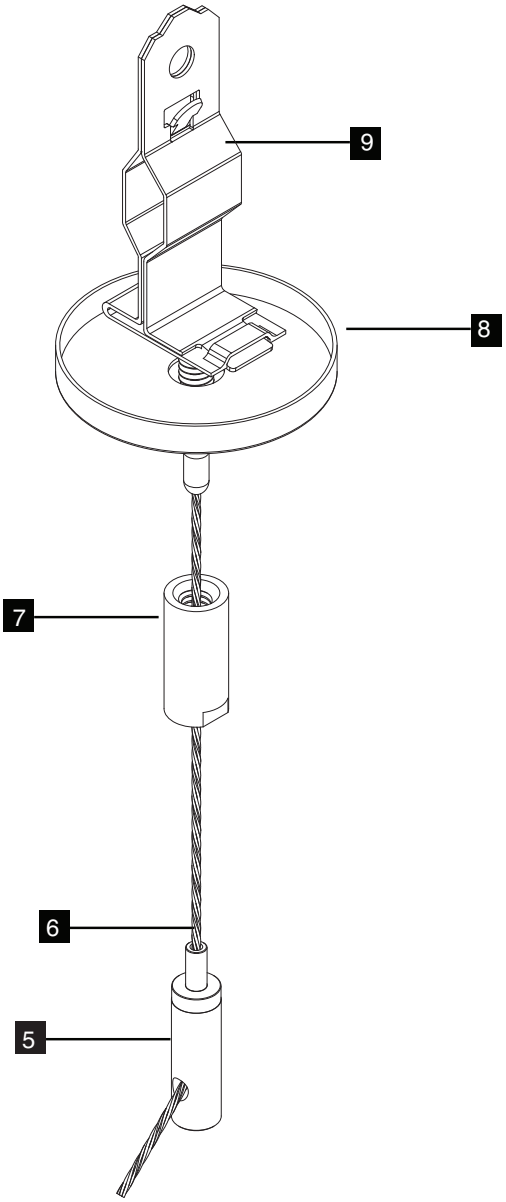
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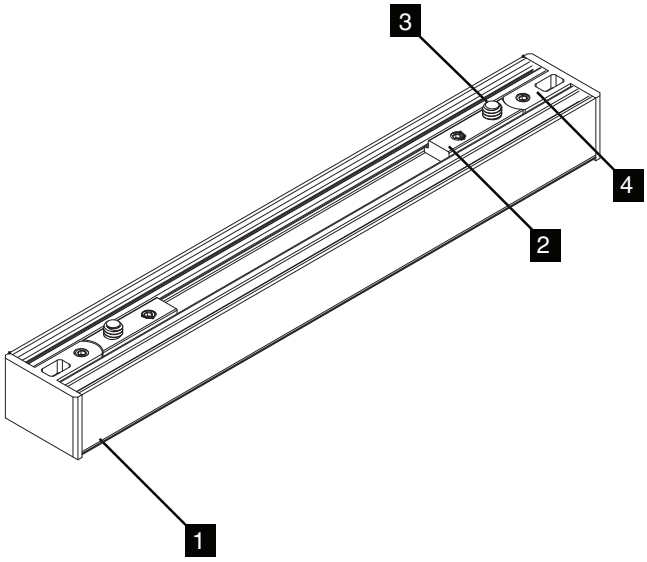
VERS-SK

Linear Fixtures - Suspended

SUSPENSION T-BAR NON-FEED ASSEMBLY

SK-NF-RD-2-NF-*-TB-36





NON-POWERED FEED KIT

1 VERS	2 Suspension Bracket	3 8-32 Screw	4 Endcap	5 Cable Gripper
6 1/16” Cable	7 Cable Coupler	8 Canopy	9 T-Bar Clip	

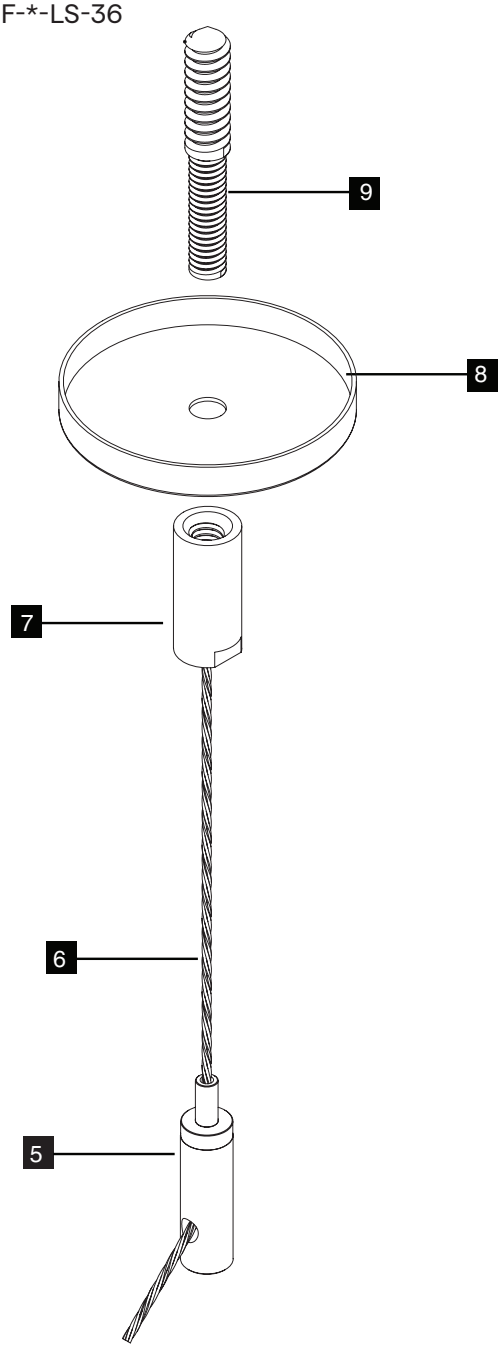
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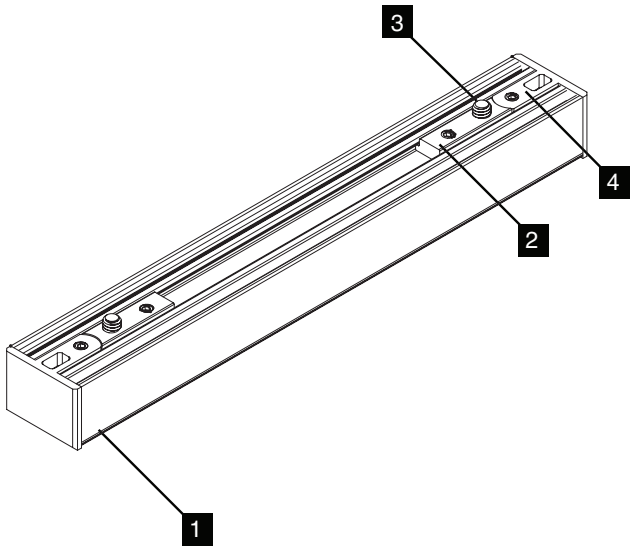
VERS-SK

Linear Fixtures - Suspended

LAG SCREW NON-FEED ASSEMBLY

SK-NF-RD-2-NF-*-LS-36





NON-POWERED FEED KIT

1 VERS	2 Suspension Bracket	3 8-32 Screw	4 Endcap	5 Cable Gripper
6 1/16” Cable	7 Cable Coupler	8 Canopy	9 Lag Screw	

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VERS SUSPENDED

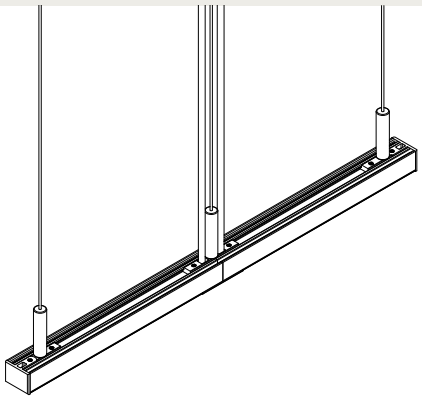
Linear Fixture Suspended Installation Instructions

ATTENTION: Please read all instructions BEFORE installation

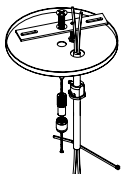
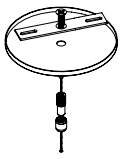
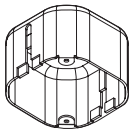
- Product to be installed by a licensed electrician - Field modifications void warranty
- Use only with Class 2 power supply unit — Warranty only valid with QTL power supplies
- Suitable for installation in storage area of a clothes closet when assembled as a finished fixture up to 4W/ft at QTL facility
- Input Voltage: 24VDC
- Diagrams for representation only and not to scale.

METHODS OF INSTALLATION:

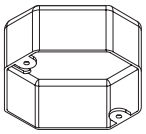
- Inline Install (page 3)
- J-BOX Feed & Non-Feed (page 4-6)
- TB-JBOX Feed & Non-Feed (page 7-9)
- NF-TBAR (page 10-11)
- Lag Screw (page 12-13)



COMPONENTS & HARDWARE

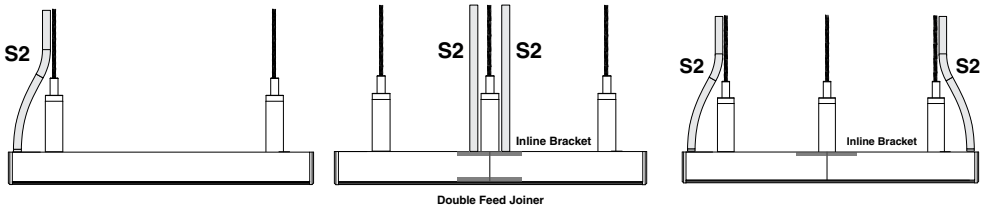
J-BOX FEED	J-BOX NON-FEED	TBAR-J-BOX FEED
		

TBAR-NON-FEED	LAG SCREW-NON-FEED
	

STANDARD J-BOX


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CONTINUOUS WIRING CONFIGURATION OPTIONS



Review wire method to ensure clean installation prior to mounting extrusion.

NOTE: Additional wire methods include:
S2: Connector/Wire Input only

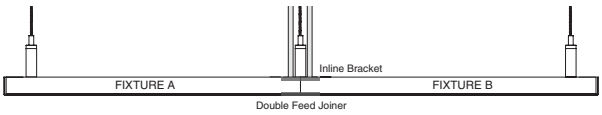
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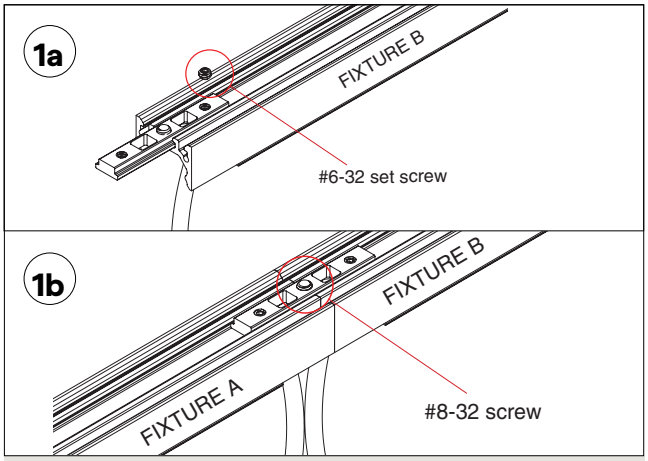
VERS SUSPENDED

Linear Fixture Suspended Installation Instructions

INLINE CONNECTOR

- After installing inline bracket, proceed to specific kit install guide

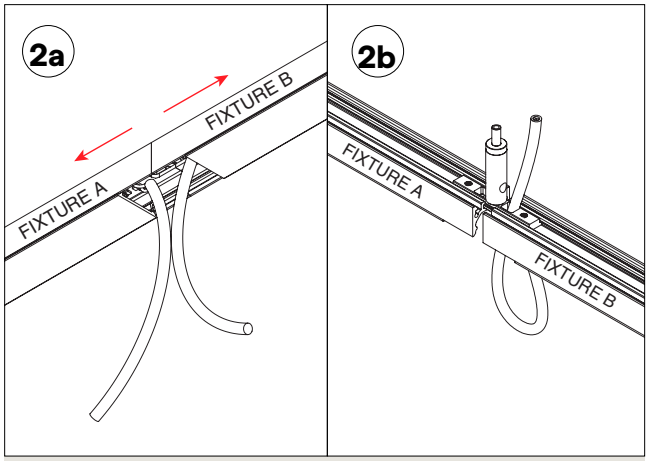




a. Slide the inline bracket into Fixture B's track and screw the #6-32 set screw into the inline bracket, don't screw down the set screw fully until finishing the following steps.

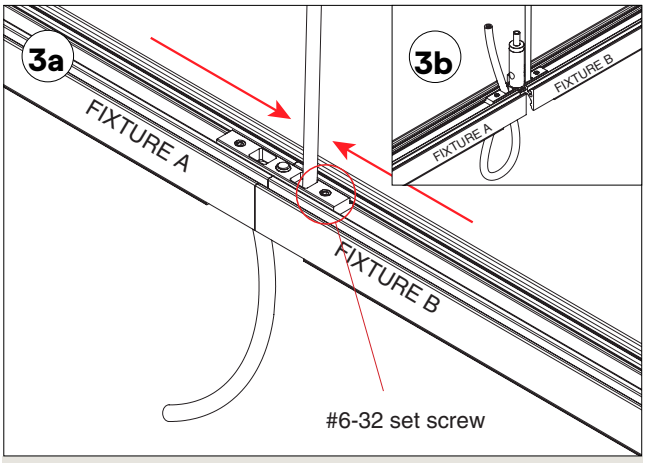
b. Slide Fixture A onto the inline bracket. Don't screw down the second set screw fully until finishing the following steps.

NOTE: Keep the #8-32 thread centered between the two fixtures



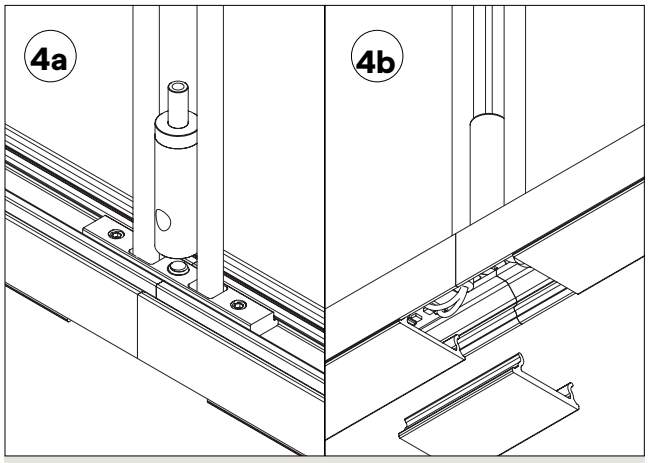
a. Slide the fixture outward to create a gap between Fixture A and Fixture B.

b. This will give you enough room to feed the wire through the bottom of the extrusion and through the inline bracket.



a. After feeding the power feed through the inline bracket completely, close the gap you've made so it is snuggly clamping the outer jacket of the wire that has been fed through. Fully screw down the corresponding set screw so that the connection is secure.

b. Repeat Step 2 and 3 to feed the second power feed through.



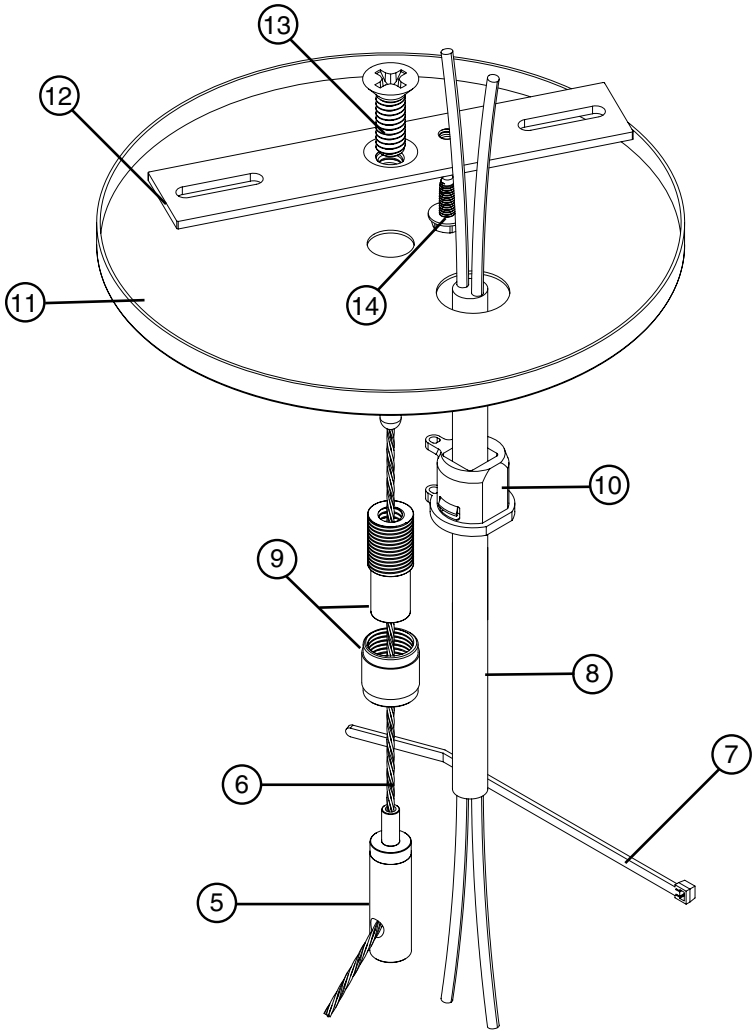
a. Install the cable gripper by screwing it into the #8-32 screw that is located in the center of the inline bracket.

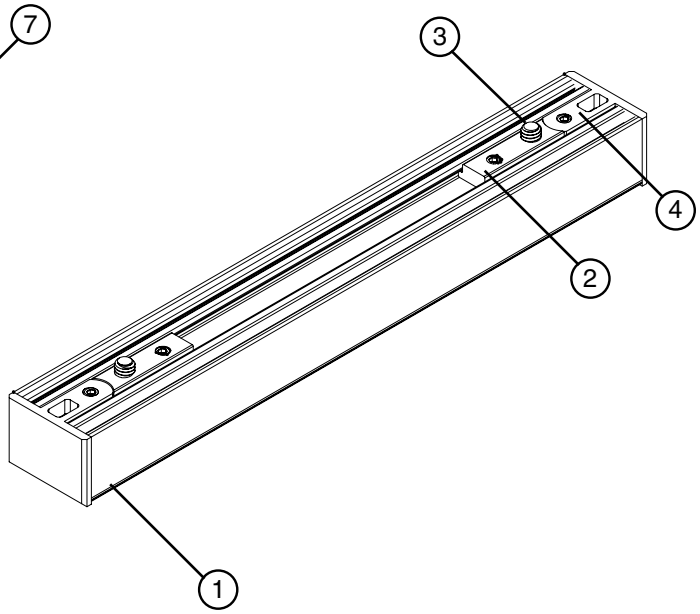
b. Snap on double feed joiner.

Continue install with kit specific guide.

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JBOX INSTALLATION FEED & NON-FEED



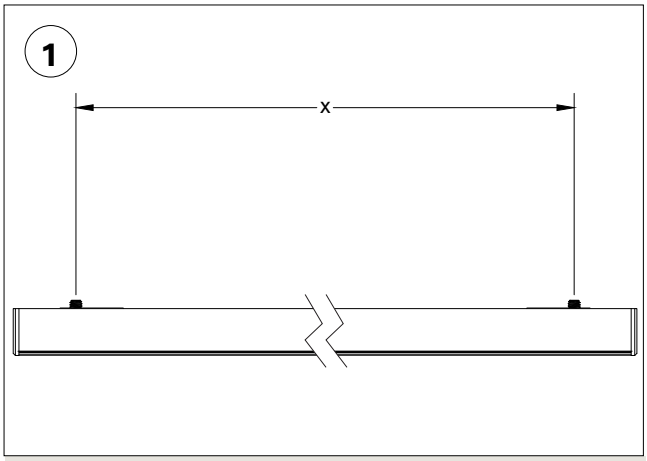


JBOX INSTALLATION SUSPENSION COMPONENTS

1. VERS
2. Suspension Bracket
3. #8-32 Screw
4. Endcap
5. Cable Gripper
6. 1/16" cable
7. Tie
8. Lead Wire
9. Wire Coupler
10. Strain Relief
11. Canopy
12. Crossbar
13. #1/4"-20 Screw
14. Ground Screw

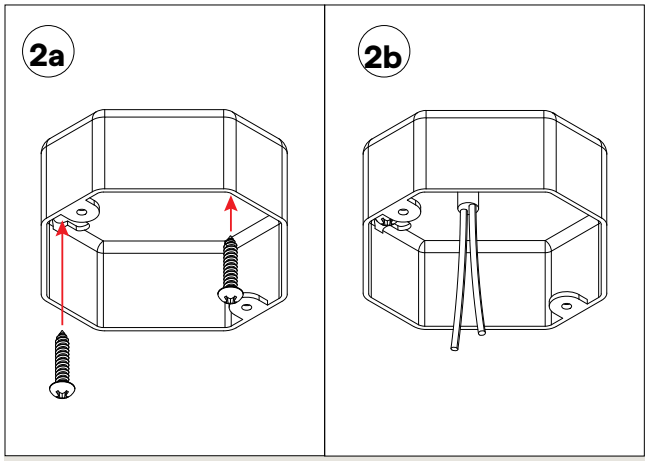
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JBOX INSTALLATION FEED & NON-FEED



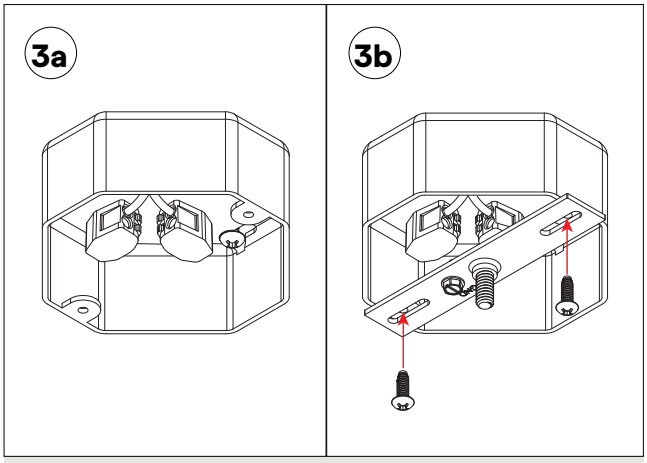
Measure the distance between the two #8-32 screws from the suspension brackets (center to center). Use this measurement to decide where to install the junction box (powered feed) and the non-feed mounting components.

NOTE: Mount the JBOX first. Keep in mind that the cable coupler mounts to the center of the junction box, approx. 2 ". inward of a 4 " JBOX.



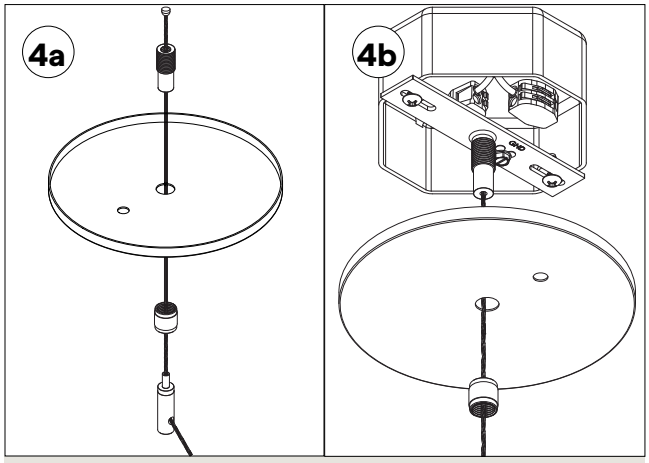
a. Install the junction box

b. Feed the wire from the power supply into the mounted junction box



a. Connect WAGO's to the lead wire from the power supply. (For feed JBOX only)

b. Mount the cross bar into the junction boxes (feed and non-powered feed JBOX)



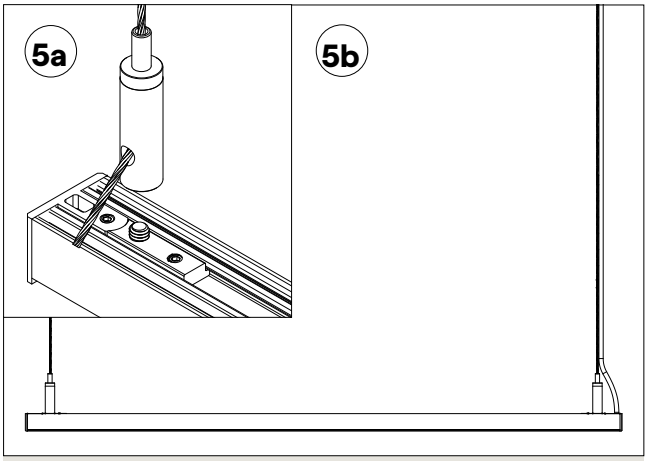
a. Slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.

b. Screw the top part of the coupler into the crossbar's #1/4"-20 screw. (powered feed)

NOTE: The braided cable has a stopper on one end. The stopper should be fed as pictured above.

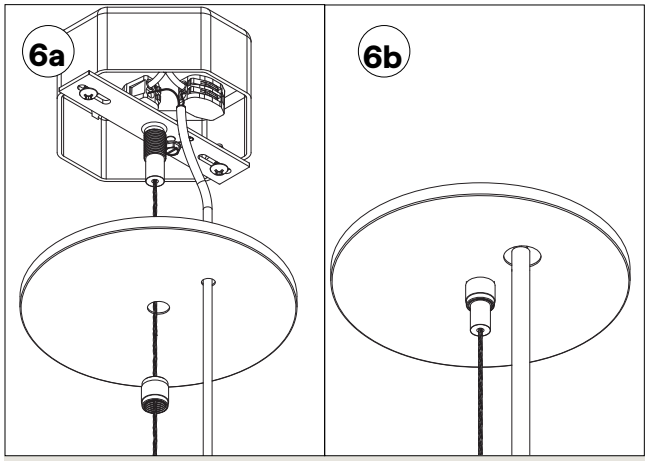
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JBOX INSTALLATION FEED & NON-FEED



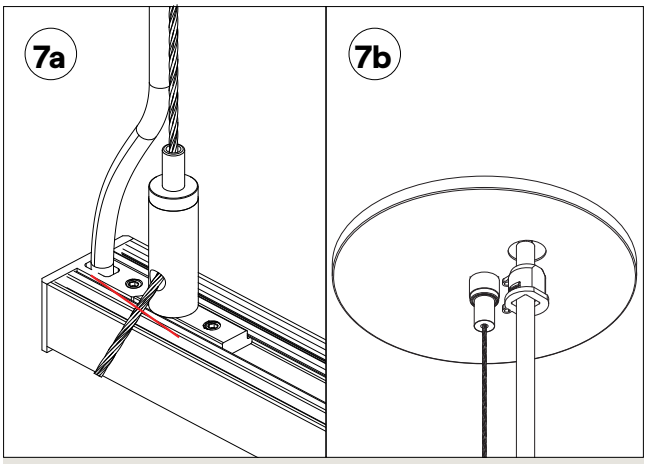
a. Screw down the cable grippers onto the suspension bracket's #8-32 screw.

b. Raise the VERS to its desired height. Push on the top of the cable gripper to lower the fixture.



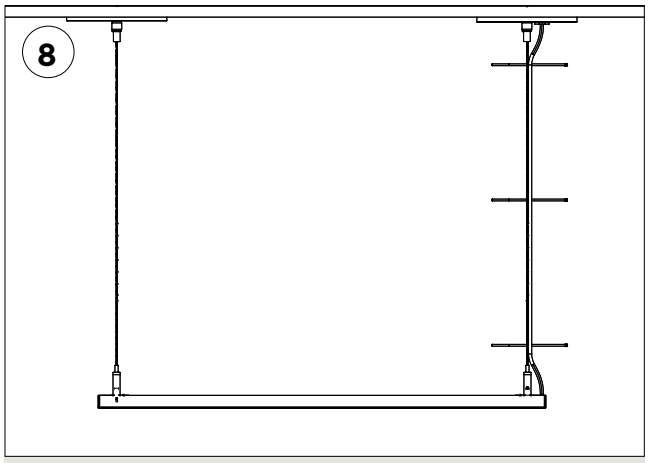
a. Take the power cable from the VERS and feed through the canopy and connect to the WAGO within JBOX (For feed JBOX only)

b. Screw in the bottom piece of the couplers for both feeds. This should pull the canopy toward the ceiling's surface.



a. When the VERS is at the desired height and well aligned. cut off the excess cable.

b. Snap on the wire strain to the VERS' lead wire and push into the canopy. (For feed JBOX only)



Using the supplied ties, secure the power feed to the suspension cable. (For feed JBOX only)

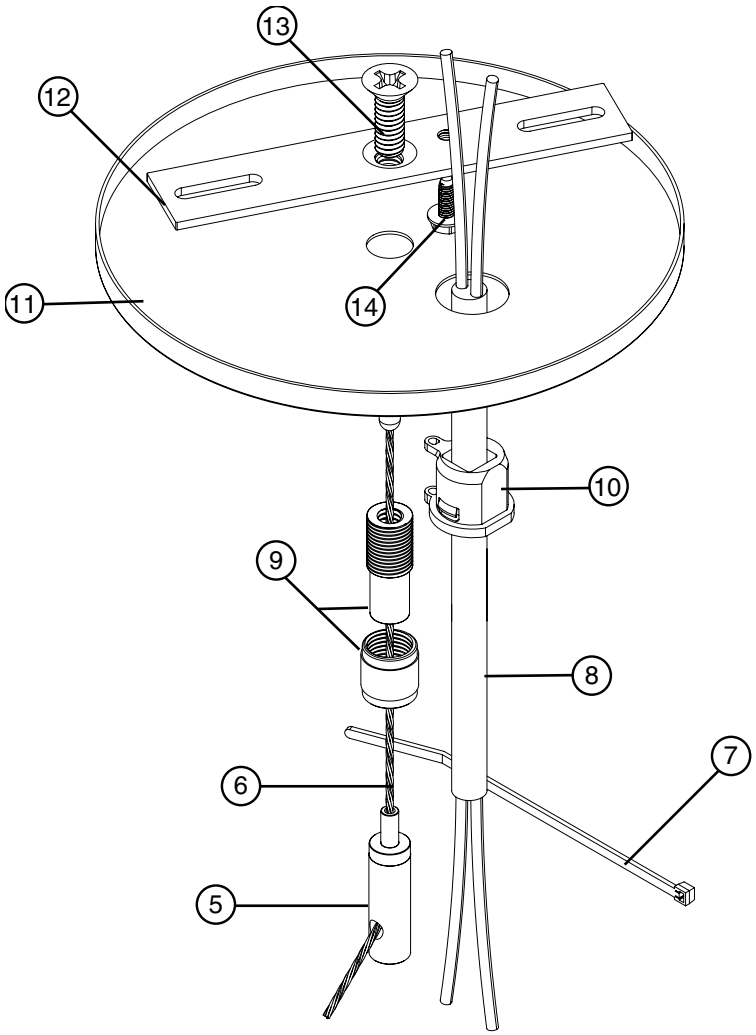
NOTE: This step is optional

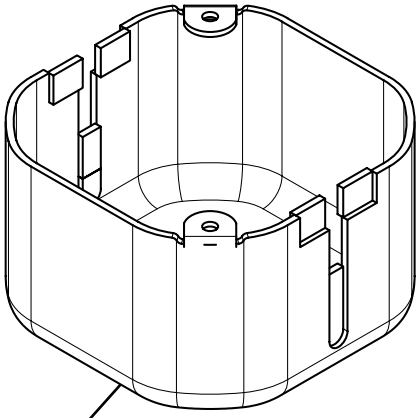
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VERS SUSPENDED

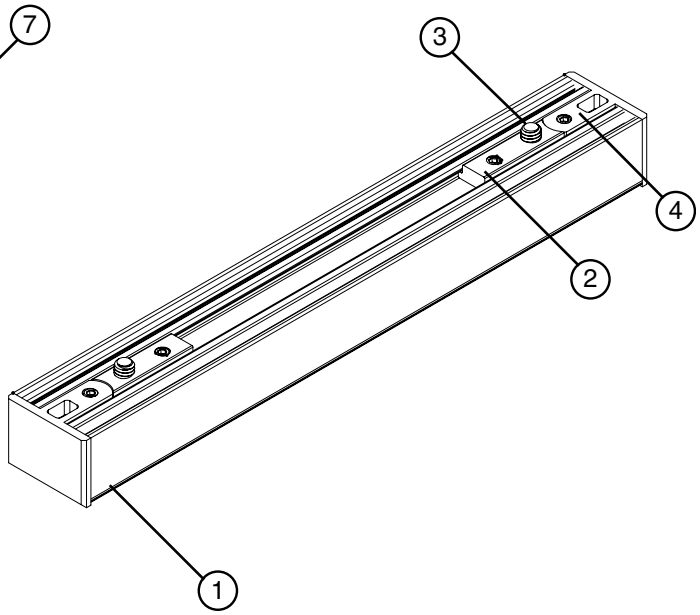
Linear Fixture Suspended Installation Instructions

TB-JBOX INSTALLATION FEED & NON-FEED





15 T-Bar mounted Junction Box



TB-JBOX INSTALLATION SUSPENSION COMPONENTS

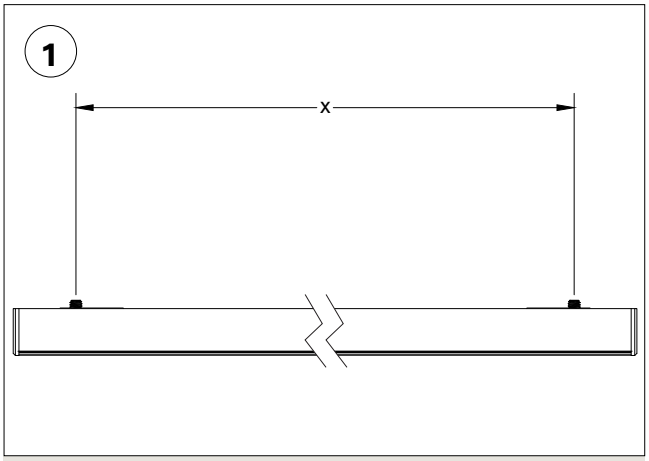
1. VERS
2. Suspension Bracket
3. #8-32 Screw
4. Endcap
5. Cable Gripper
6. 1/16" cable
7. Tie
8. Lead Wire
9. Wire Coupler
10. Strain Relief
11. Canopy
12. Crossbar
13. #1/4"-20 Screw
14. Ground Screw
15. T-BAR mounted Junction Box

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VERS SUSPENDED

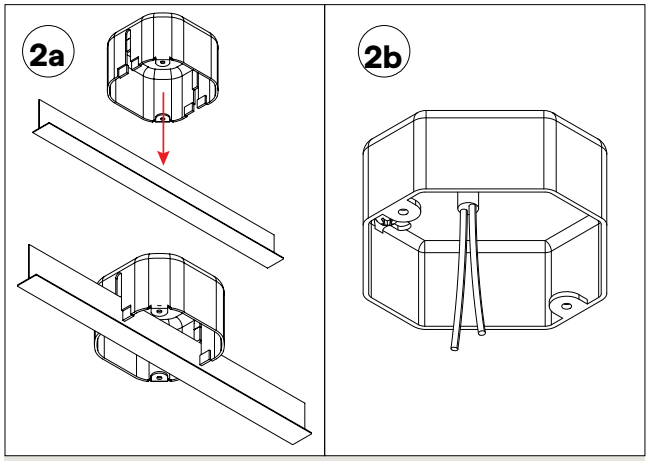
Linear Fixture Suspended Installation Instructions

TB-JBOX INSTALLATION FEED & NON-FEED



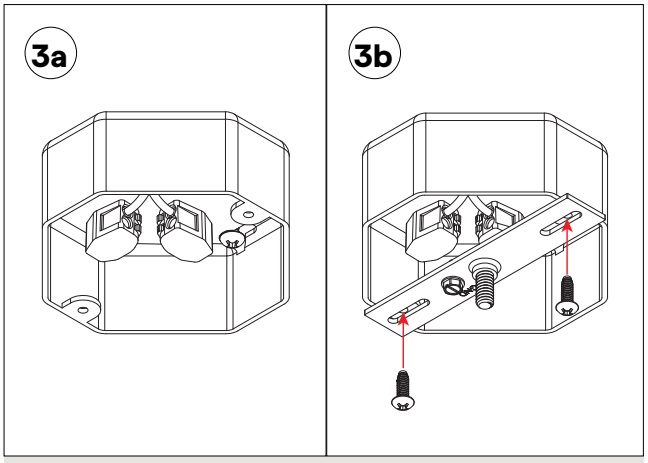
Measure the distance between the two #8-32 screws from the suspension brackets (center to center) Use this measurement to decide where to install the junction box (powered feed) and the non-feed mounting components.

NOTE: Mount the JBOX first. Keep in mind that the cable coupler mounts to the center of the junction box, approx. 2", inward of a 4" JBOX.



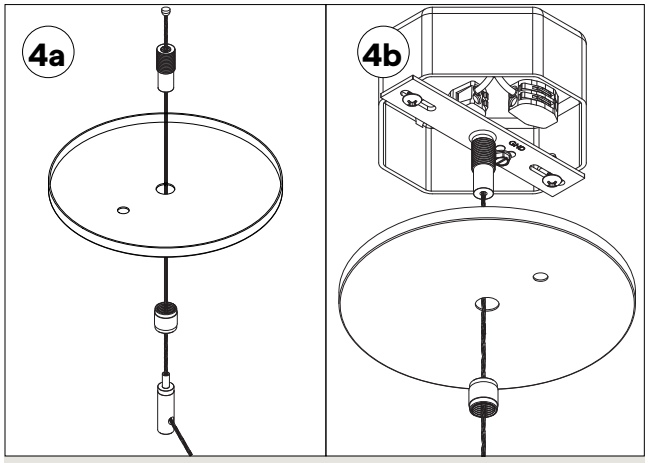
a. Install the T-BAR JBOX by pushing it onto the T-BAR from the top

b. Feed the wire from the power supply into the mounted junction box



a. Connect WAGO's to the lead wire from the power supply. (For feed JBOX only)

b. Mount the cross bar into the junction boxes (feed and non-powered feed JBOX)



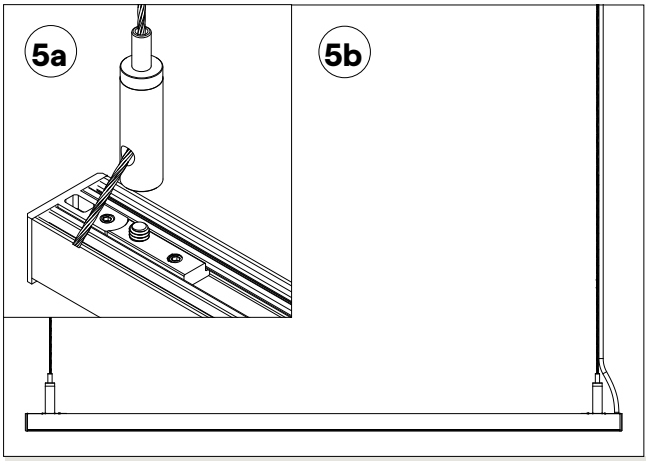
a. Slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.

b. Screw the top pa rt of the coupler into the crossbar's #1/4"-20 screw. (powered feed)

NOTE: The braided cable has a stopper on one end. The stopper should be fed as pictured above.

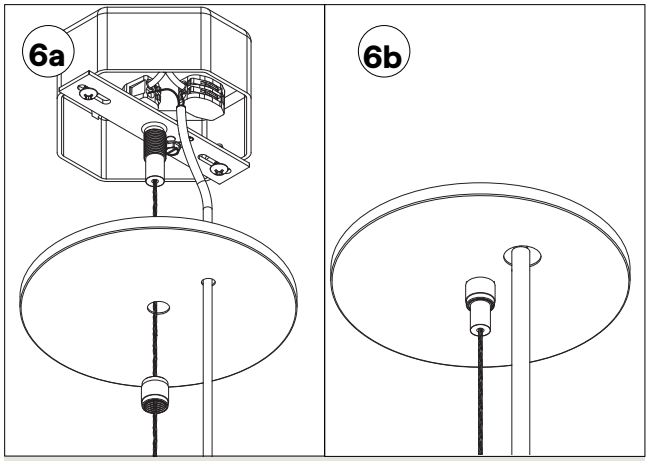
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TB-JBOX INSTALLATION FEED & NON-FEED CONTINUED



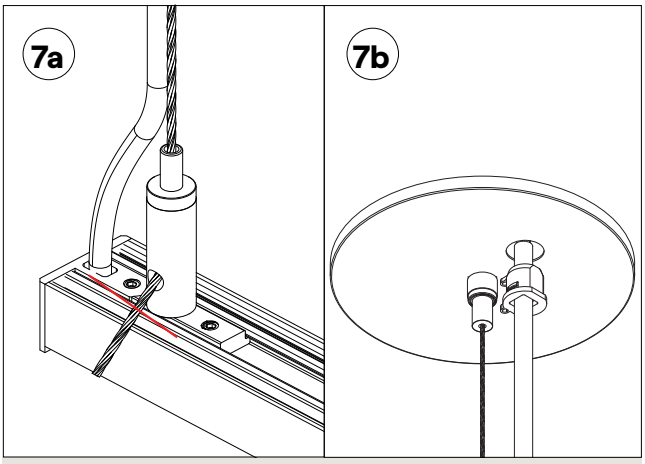
a. Screw down the cable grippers onto the suspension bracket's #8-32 screw.

b. Raise the VERS to its desired height. Push on the top of the cable gripper to lower the fixture.



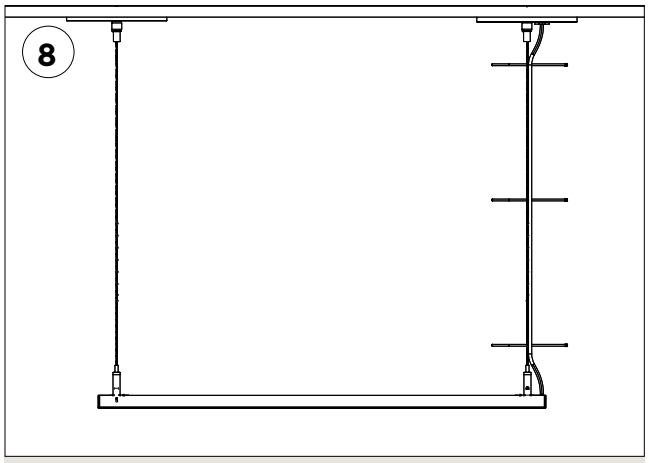
a. Take the power cable from the VERS and feed through the canopy and connect to the WAGO within JBOX (For feed JBOX only)

b. Screw in the bottom piece of the couplers for both feeds. This should pull the canopy toward the ceiling's surface.



a. When the VERS is at the desired height and well aligned. cut off the excess cable.

b. Snap on the wire strain to the VERS' lead wire and push into the canopy. (For feed JBOX only)



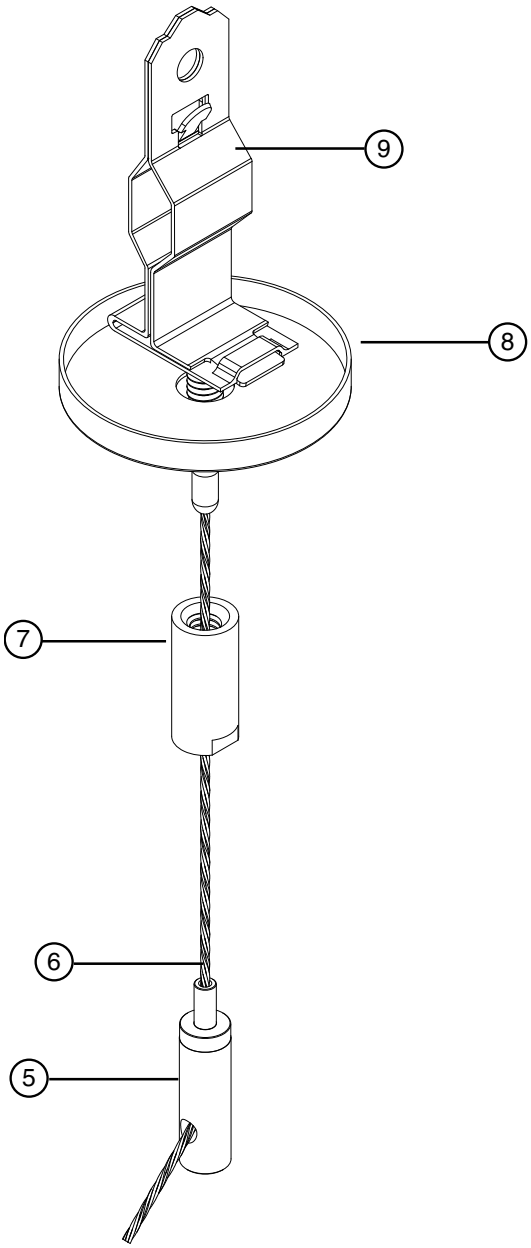
Using the supplied ties, secure the power feed to the suspension cable. (For feed JBOX only)

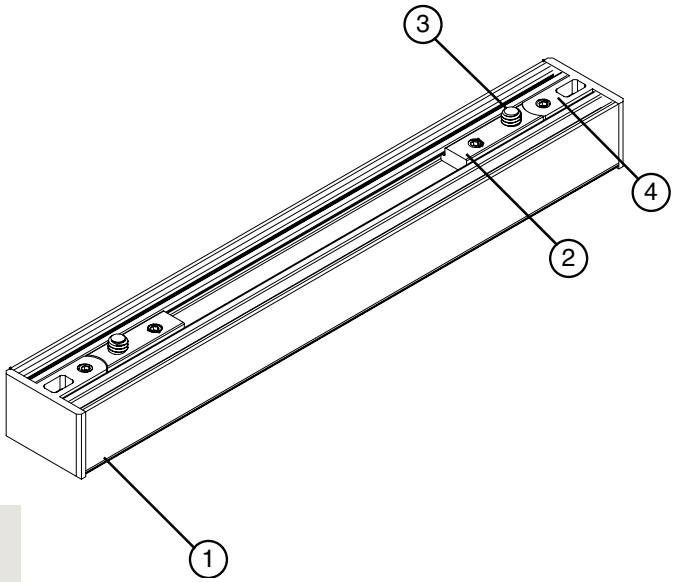
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VERS SUSPENDED

Linear Fixture Suspended Installation Instructions

NF-TBAR INSTALLATION





NF-TBAR INSTALLATION SUSPENSION COMPONENTS

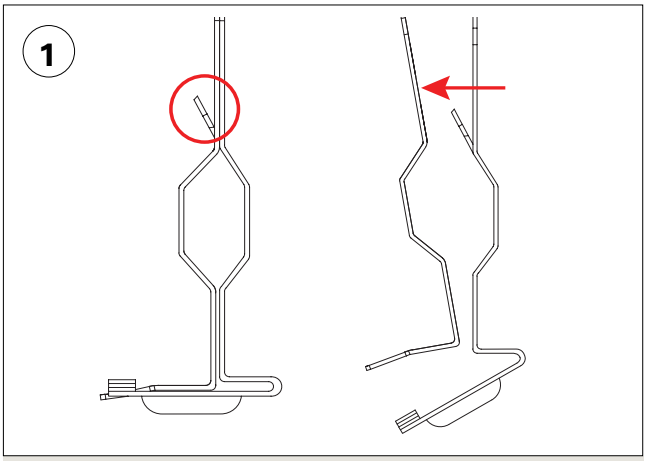
1. VERS
2. Suspension Bracket
3. #8-32 Screw
4. Endcap
5. Cable Gripper
6. 1/16" Cable
7. Cable Coupler
8. Canopy
9. T-Bar Clip

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VERS SUSPENDED

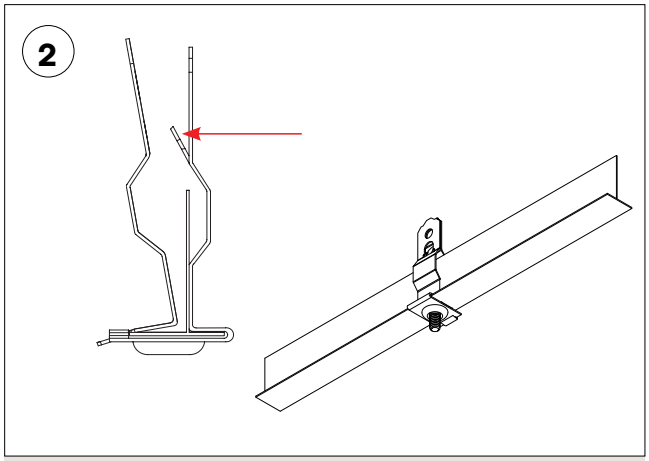
Linear Fixture Suspended Installation Instructions

NF-TBAR INSTALLATION

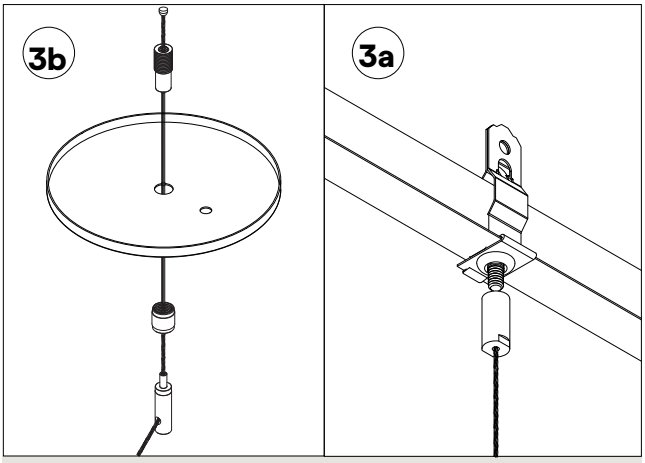


Push upward on the highlighted tab as you squeeze the bottom tab to open up the T-BAR clip.

NOTE: Verify the mounting location prior to snapping on the T-BAR clip, as it is very difficult to open back up once it has been mounted.

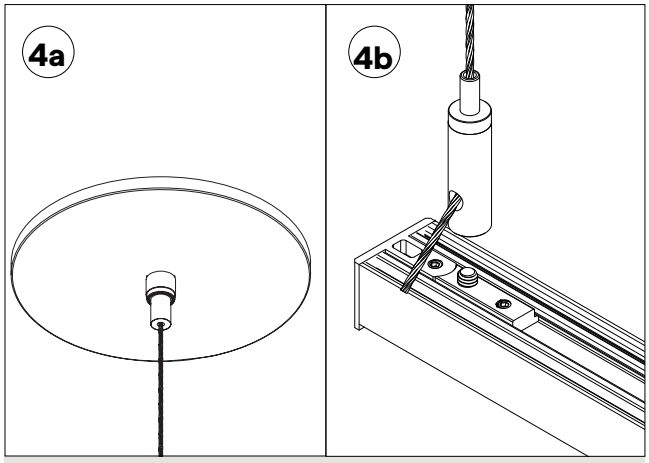


Wrap the two parts of the clip around the T-BAR then push inward on the highlighted tab to snap them together in place.



a. Slide the braided cables through the cable grippers and 2 piece cable coupler, leaving the canopy between the 2 coupler pieces.

b. Screw the top part of the coupler into the T-BAR clip's #1/4"-20 screw.



a. Screw in the bottom piece of the couplers. This should pull the canopy toward the ceiling's surface

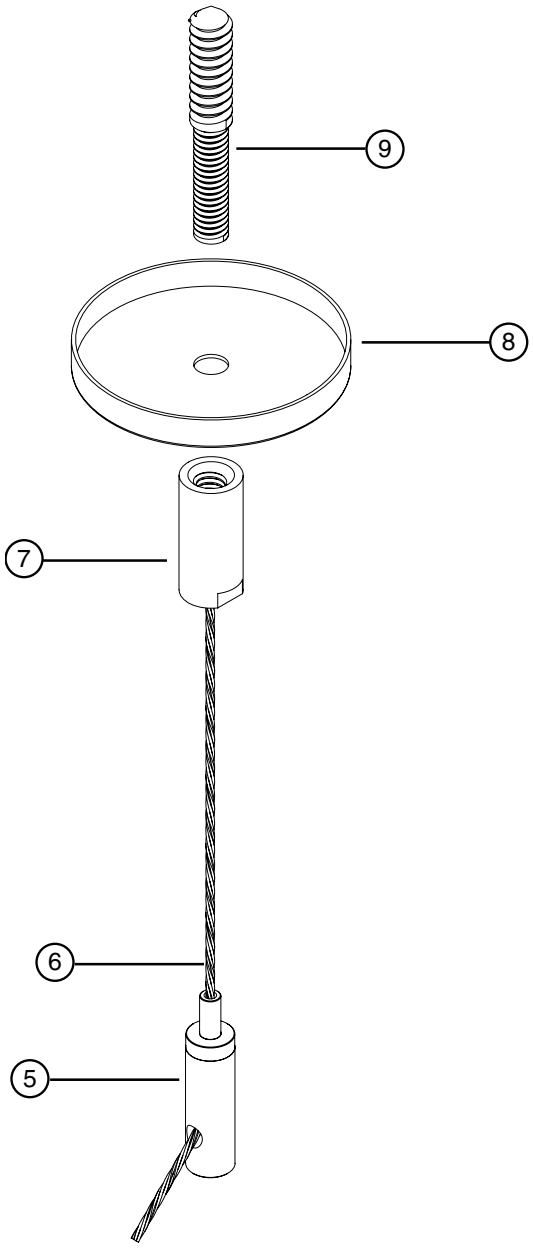
b. Screw down the cable grippers onto the suspension bracket's #8-32 screw.

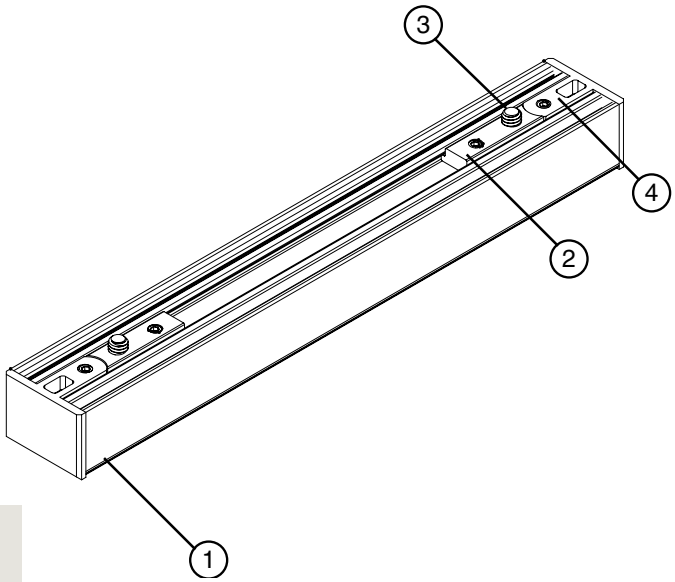
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VERS SUSPENDED

Linear Fixture Suspended Installation Instructions

LAG SCREW INSTALLATION





NF-TBAR INSTALLATION SUSPENSION COMPONENTS

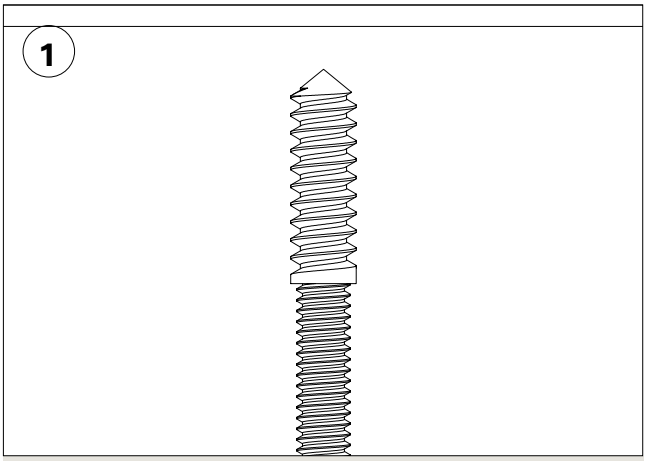
1. VERS
2. Suspension Bracket
3. #8-32 Screw
4. Endcap
5. Cable Gripper
6. 1/16" Cable
7. Cable Coupler
8. Canopy
9. Lag Screw

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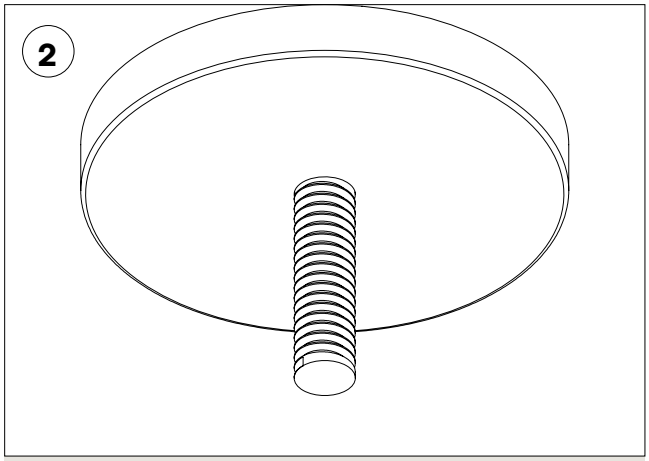
VERS SUSPENDED

Linear Fixture Suspended Installation Instructions

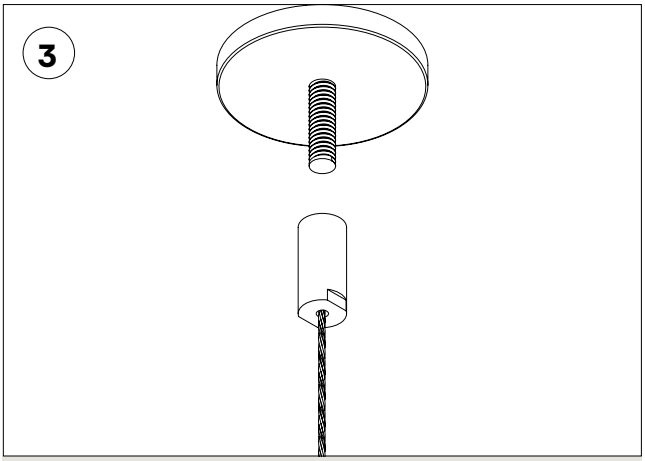
LAG SCREW INSTALLATION



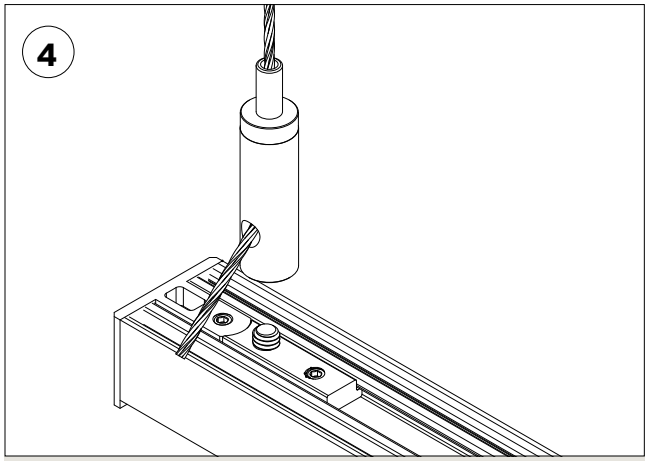
Install the mounting point for the non-powered feed.



Slide the canopy over the lag screw.



Screw the coupler into the #1/4"-20 screw to keep canopy in place.



Screw down the cable grippers onto the suspension bracket's #8-32 screw.

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VERS-GRAZER-SK-DW-HE(04)

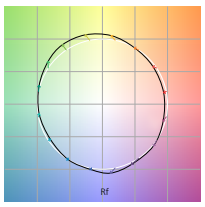
Suspended Linear Fixture Color Data

1.5HE W/FT

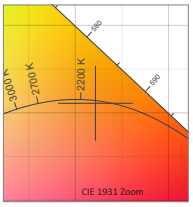
VERS-04-SK-DW-1.5HE-20-DRY-GZR

2029 K

CRI: 93.1
CRI R9: 62.3
TM30 Rf: 89.0
TM30 Rg: 103.7
CQS: 79.4
X: 0.522
Y: 0.411
U: 0.303
V: 0.358
Δuv: -0.0009



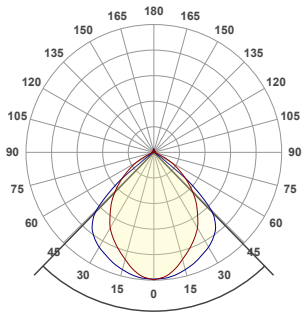




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.1	96.8	96.1	94.0	93.5	97.5	91.0	81.5	62.3	90.4	95.7	90.4	95.1	95.9	89.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.1	84.2	80.9	81.9	81.1	76.0	73.0	77.0	86.1	83.0	82.7	82.2	82.2	79.7	77.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.4	88.3	86.3	88.0	89.5	87.3	85.1	88.0	91.0	93.6	91.7	89.4	89.9	74.6	86.6	88.5

TM30			
Hue Bin	R_f	Chroma	Hue
1	90	-4%	-1%
2	88	-3%	5%
3	86	-1%	7%
4	88	6%	7%
5	89	10%	5%
6	87	10%	0%
7	85	6%	-8%
8	88	1%	-9%
9	91	-2%	-5%
10	94	-4%	1%
11	92	0%	4%
12	89	2%	3%
13	90	6%	-8%
14	75	2%	-14%
15	87	1%	-10%
16	89	-3%	-7%

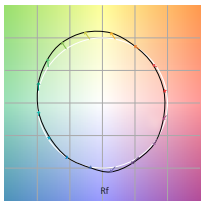
Beam Angle



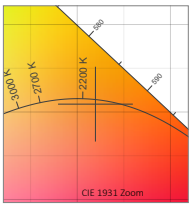
VERS-04-SK-DW-1.5HE-20-DRY-25D

2035 K

CRI: 94.1
CRI R9: 65.8
TM30 Rf: 88.3
TM30 Rg: 105.0
CQS: 79.3
X: 0.520
Y: 0.409
U: 0.303
V: 0.357
Δuv: -0.0016



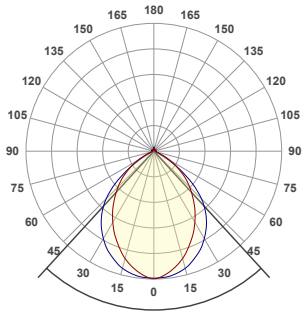




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
95.5	97.6	96.5	95.2	95.2	97.9	91.3	83.2	65.8	92.6	96.4	93.8	96.5	96.2	90.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
74.5	84.4	81.7	83.5	81.1	75.0	72.0	76.5	85.7	83.1	82.7	81.9	81.6	80.6	78.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.6	88.0	86.0	85.5	87.5	85.6	82.8	85.2	88.6	93.5	92.9	90.4	89.7	74.8	86.9	89.7

TM30			
Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	88	-3%	5%
3	86	0%	8%
4	85	8%	8%
5	88	12%	5%
6	86	12%	0%
7	83	7%	-9%
8	85	2%	-11%
9	89	-1%	-6%
10	94	-3%	-2%
11	93	0%	2%
12	90	1%	2%
13	90	6%	-8%
14	75	2%	-14%
15	87	1%	-10%
16	90	-3%	-6%

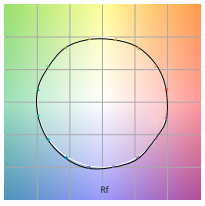
Beam Angle



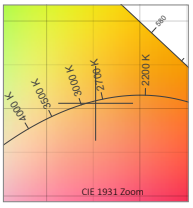
VERS-04-SK-DW-1.5HE-27-DRY-GZR

2771 K

CRI: 97.5
CRI R9: 97.9
TM30 Rf: 95.5
TM30 Rg: 101.2
CQS: 95.8
X: 0.453
Y: 0.406
U: 0.260
V: 0.350
Δuv: -0.0011



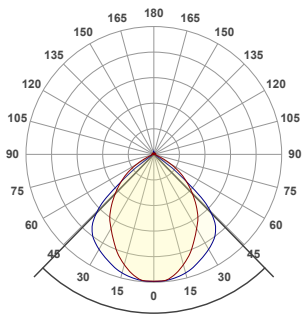




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.8	98.4	97.2	96.7	97.1	96.0	98.6	99.0	97.9	98.5	93.6	88.2	96.8	97.2	98.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	96.0	93.9	95.2	97.2	96.4	95.2	97.1	97.2	97.5	97.4	96.7	97.1	95.4	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.0	97.8	96.6	95.3	96.3	96.9	94.1	97.4	96.0	94.8	94.0	93.1	94.7	94.0	94.7	92.0

TM30			
Hue Bin	R_f	Chroma	Hue
1	97	0%	1%
2	98	0%	0%
3	97	0%	0%
4	95	-2%	-2%
5	96	-2%	1%
6	97	1%	2%
7	94	-1%	3%
8	97	1%	1%
9	96	1%	2%
10	95	2%	3%
11	94	3%	3%
12	93	4%	-1%
13	95	1%	-4%
14	94	3%	-4%
15	95	-1%	0%
16	92	1%	-6%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

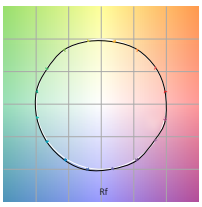
VERS-GRAZER-SK-DW-HE(04)

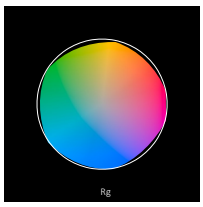
Suspended Linear Fixture Color Data

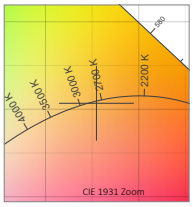
VERS-04-SK-DW-1.5HE-27-DRY-25D

2748 K

CRI: 97.3
CRI R9: 98.6
TM30 Rf: 95.7
TM30 Rg: 101.3
CQS: 95.8
X: 0.455
Y: 0.407
U: 0.261
V: 0.350
Δuv: -0.0010





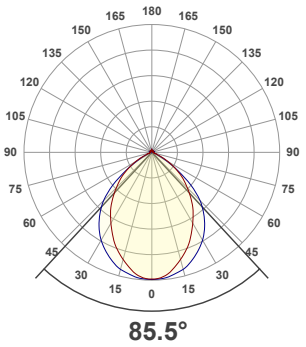


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.4	98.3	96.8	96.1	96.7	95.9	99.0	99.0	98.6	98.4	93.0	89.3	96.5	96.9	97.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.2	96.0	94.4	95.7	97.5	96.1	95.3	97.3	96.9	97.5	97.0	96.2	96.5	95.4	95.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.1	97.7	96.6	95.5	96.4	96.8	94.3	97.3	96.2	95.2	94.6	93.5	94.9	94.5	95.0	92.7

TM30

Hue Bin	R_f	Chroma	Hue
1	97	0%	1%
2	98	1%	-1%
3	97	0%	0%
4	95	-2%	-2%
5	96	-2%	1%
6	97	1%	2%
7	94	-1%	3%
8	97	2%	0%
9	96	1%	2%
10	95	2%	3%
11	95	3%	3%
12	94	3%	-2%
13	95	1%	-4%
14	95	2%	-3%
15	95	-1%	0%
16	93	1%	-6%

Beam Angle

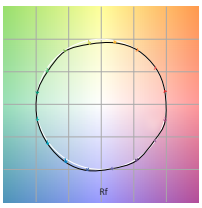


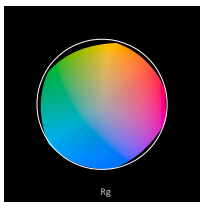
85.5°

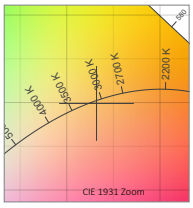
VERS-04-SK-DW-1.5HE-30-DRY-GZR

3048 K

CRI: 97.4
CRI R9: 98.4
TM30 Rf: 93.7
TM30 Rg: 99.6
CQS: 95.4
X: 0.432
Y: 0.399
U: 0.250
V: 0.346
Δuv: -0.0014





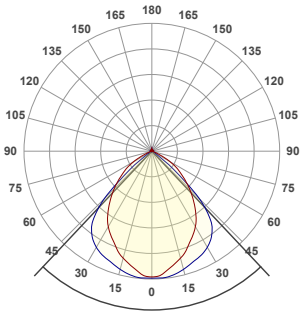


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
96.9	97.7	98.9	98.1	97.0	95.4	97.1	97.8	98.4	96.9	96.6	84.5	96.8	98.3	97.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.7	95.9	94.5	93.7	94.4	95.8	97.7	97.9	98.1	98.1	98.0	97.6	97.9	95.6	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.1	96.4	93.1	93.2	96.9	90.9	96.1	92.1	90.3	91.7	93.0	94.1	93.7	92.1	91.9

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	96	0%	-1%
4	93	-3%	-3%
5	93	-6%	0%
6	97	-1%	1%
7	91	-3%	5%
8	96	0%	3%
9	92	1%	6%
10	90	2%	6%
11	92	4%	5%
12	93	4%	-2%
13	94	0%	-4%
14	94	2%	-4%
15	92	-1%	-1%
16	92	1%	-6%

Beam Angle

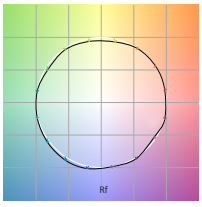


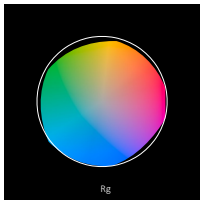
86.6°

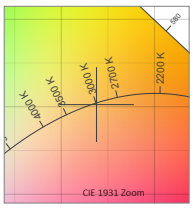
VERS-04-SK-DW-1.5HE-30-DRY-25D

2976 K

CRI: 97.3
CRI R9: 97.6
TM30 Rf: 93.6
TM30 Rg: 99.1
CQS: 95.2
X: 0.438
Y: 0.402
U: 0.252
V: 0.347
Δuv: -0.0008





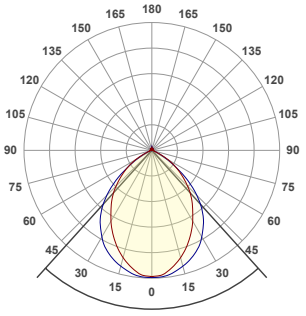


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.2	97.8	99.2	97.9	97.1	95.4	96.8	97.4	97.6	97.0	96.5	85.2	97.0	98.4	97.7
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	95.2	95.3	94.3	94.3	95.1	98.2	98.1	97.2	97.3	97.3	97.1	97.6	95.6	94.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.1	96.3	91.4	94.5	96.3	90.2	95.5	91.9	90.7	92.2	92.9	93.6	93.6	92.8	91.7

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	2%
2	97	0%	-1%
3	96	0%	-1%
4	91	-5%	-4%
5	95	-4%	0%
6	96	-2%	2%
7	90	-4%	5%
8	96	0%	3%
9	92	1%	5%
10	91	3%	6%
11	92	4%	4%
12	93	4%	-2%
13	94	0%	-5%
14	94	1%	-4%
15	93	-3%	1%
16	92	1%	-6%

Beam Angle



84.1°

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

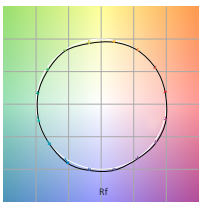
VERS-GRAZER-SK-DW-HE(04)

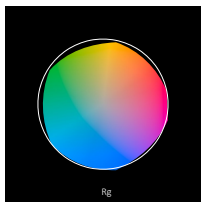
Suspended Linear Fixture Color Data

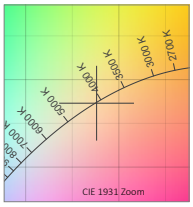
VERS-04-SK-DW-1.5HE-40-DRY-GZR

4099 K

CRI: 97.5
CRI R9: 94.9
TM30 Rf: 92.4
TM30 Rg: 100.0
CQS: 94.7
X: 0.376
Y: 0.373
U: 0.224
V: 0.333
Δuv: -0.0005





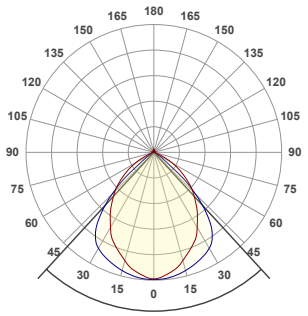


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.7	99.3	95.3	98.5	97.1	95.5	98.6	97.1	94.9	96.0	97.8	72.2	99.3	96.8	96.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.5	99.2	89.0	88.2	92.6	95.6	97.0	98.6	97.4	97.7	97.8	99.4	99.6	98.7	96.6
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.1	96.1	93.0	91.6	96.2	94.3	93.2	89.6	87.5	86.2	92.9	95.0	94.8	90.5	90.4

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	0%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-1%	1%
7	94	-3%	2%
8	93	-2%	4%
9	90	-1%	8%
10	87	0%	8%
11	86	4%	9%
12	93	3%	3%
13	95	3%	0%
14	95	1%	0%
15	90	3%	-3%
16	90	2%	-5%

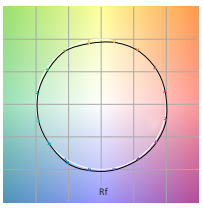
Beam Angle

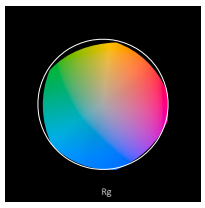


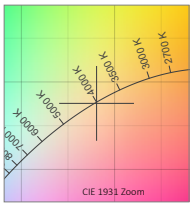
VERS-04-SK-DW-1.5HE-40-DRY-25D

3989 K

CRI: 97.6
CRI R9: 94.0
TM30 Rf: 92.7
TM30 Rg: 100.2
CQS: 95.0
X: 0.381
Y: 0.375
U: 0.226
V: 0.334
Δuv: -0.0007





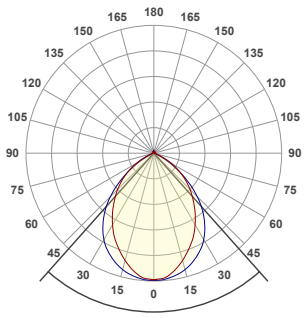


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.6	99.3	95.2	99.0	97.5	95.7	98.8	96.9	94.0	96.1	97.8	73.8	99.2	96.7	96.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.0	99.4	89.4	88.8	93.1	96.2	96.9	98.7	97.2	97.6	97.8	99.4	99.5	98.7	96.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.0	97.3	96.2	93.2	91.8	96.3	94.5	93.4	90.0	88.0	86.7	92.4	95.3	94.5	90.8	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	1%
2	97	0%	-1%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-1%	1%
7	94	-3%	2%
8	93	-2%	4%
9	90	-1%	8%
10	88	0%	8%
11	87	4%	8%
12	92	3%	3%
13	95	3%	0%
14	95	2%	1%
15	91	3%	-3%
16	91	3%	-5%

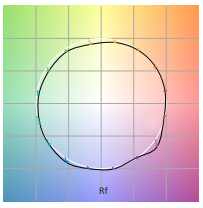
Beam Angle

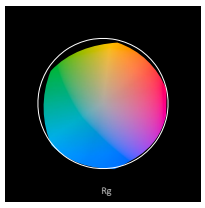


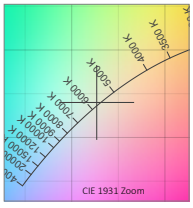
VERS-04-SK-DW-1.5HE-55-DRY-GZR

5759 K

CRI: 96.2
CRI R9: 91.3
TM30 Rf: 90.6
TM30 Rg: 98.1
CQS: 93.8
X: 0.327
Y: 0.340
U: 0.203
V: 0.317
Δuv: 0.0013





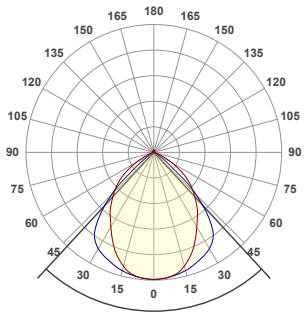


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	98.3	98.6	94.5	95.2	95.4	95.2	95.0	91.3	98.4	97.2	70.6	97.9	99.1	93.2
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
90.5	96.8	90.7	87.0	89.6	91.9	98.0	98.5	99.0	99.4	98.5	99.1	99.5	98.0	95.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.1	96.7	94.8	91.0	87.6	94.1	90.5	87.0	86.5	84.7	86.6	96.7	93.1	94.3	84.9	95.1

TM30

Hue Bin	R_f	Chroma	Hue
1	92	0%	2%
2	97	1%	0%
3	95	0%	-2%
4	91	-4%	-4%
5	88	-8%	-2%
6	94	-5%	0%
7	90	-6%	3%
8	87	-4%	7%
9	87	-2%	12%
10	85	1%	10%
11	87	5%	7%
12	97	2%	-1%
13	93	2%	-2%
14	94	-1%	-2%
15	85	8%	-8%
16	95	-1%	2%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

VERS-GRAZER-SK-DW-HE(04)

Suspended Linear Fixture Color Data

VERS-04-SK-DW-1.5HE-55-DRY-25D

5498 K

CRI: 96.6

CRI R9: 94.8

TM30 Rf: 91.3

TM30 Rg: 98.2

CQS: 94.1

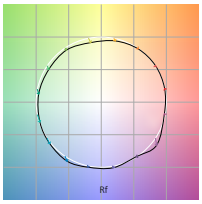
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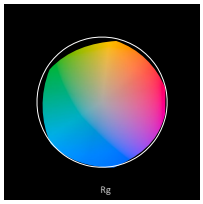
Y: 0.345

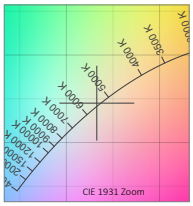
U: 0.206

V: 0.320

Δuv: 0.0013



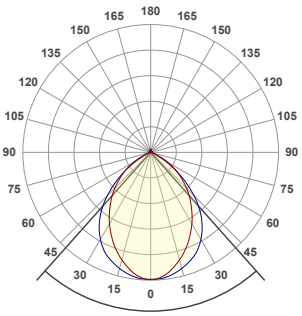




R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	98.7	98.6	94.9	95.5	95.6	95.6	95.8	94.8	99.0	97.0	72.4	98.6	99.2	94.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.3	97.3	90.8	87.5	90.2	92.4	97.8	98.3	99.1	99.3	98.1	98.5	98.8	98.1	95.7
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
92.9	96.8	95.3	91.8	89.5	94.6	91.2	87.9	87.4	85.6	87.2	96.7	93.5	94.5	85.6	95.4

TM30			
Hue Bin	R_f	Chroma	Hue
1	93	0%	2%
2	97	0%	0%
3	95	0%	-2%
4	92	-4%	-3%
5	89	-7%	-2%
6	95	-4%	0%
7	91	-5%	3%
8	88	-3%	7%
9	87	-2%	12%
10	86	1%	9%
11	87	4%	7%
12	97	2%	-1%
13	93	2%	-2%
14	94	-1%	-2%
15	86	7%	-8%
16	95	-1%	1%

Beam Angle



83.4°

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

VERS-GRAZER-SK-DW-HE(04)

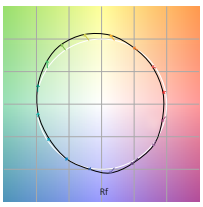
Suspended Linear Fixture Color Data

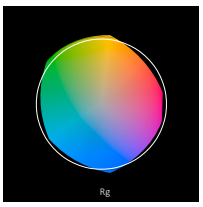
2.5HE W/FT

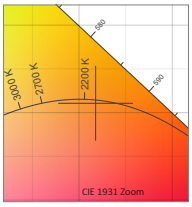
VERS-04-SK-DW-2.5HE-20-DRY-GZR

2061 K

CRI: 93.5
CRI R9: 64.1
TM30 Rf: 88.8
TM30 Rg: 104.2
CQS: 80.1
X: 0.518
Y: 0.411
U: 0.301
V: 0.357
Δuv: -0.0012





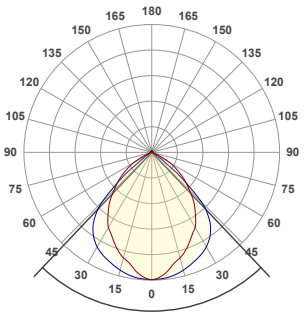


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.8	97.0	95.8	94.6	94.2	97.6	91.4	82.6	64.1	90.8	96.1	90.9	95.6	95.8	89.9
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
75.6	85.3	81.7	83.1	81.7	76.2	73.4	77.8	87.1	83.7	83.6	83.0	83.1	80.8	78.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
90.6	88.5	86.5	87.3	88.8	86.7	84.3	87.1	90.2	93.8	91.9	89.6	90.2	75.6	87.2	88.7

TM30

Hue Bin	R_f	Chroma	Hue
1	91	-4%	-1%
2	88	-3%	5%
3	87	0%	7%
4	87	6%	7%
5	89	10%	5%
6	87	10%	0%
7	84	6%	-8%
8	87	1%	-10%
9	90	-2%	-5%
10	94	-4%	0%
11	92	0%	4%
12	90	2%	3%
13	90	6%	-8%
14	76	2%	-14%
15	87	1%	-9%
16	89	-4%	-7%

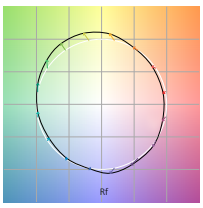
Beam Angle

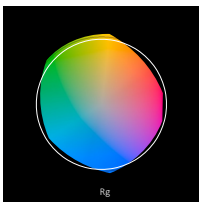


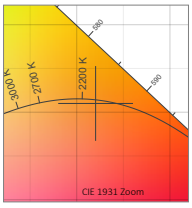
VERS-04-SK-DW-2.5HE-20-DRY-25D

2035 K

CRI: 93.4
CRI R9: 64.0
TM30 Rf: 87.6
TM30 Rg: 104.9
CQS: 78.6
X: 0.520
Y: 0.410
U: 0.303
V: 0.358
Δuv: -0.0013





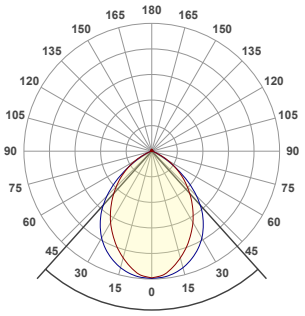


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
94.7	96.8	95.5	94.5	94.1	97.6	91.3	82.5	64.0	90.5	96.1	91.7	95.6	95.6	89.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
72.9	84.5	81.3	82.5	79.5	73.4	71.0	76.2	86.1	82.7	82.7	82.1	82.1	80.2	77.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
89.9	87.5	85.5	84.3	86.7	84.9	82.0	84.0	87.4	92.5	91.7	89.4	89.9	74.9	86.6	89.2

TM30

Hue Bin	R_f	Chroma	Hue
1	90	-4%	-2%
2	88	-3%	5%
3	85	0%	8%
4	84	8%	9%
5	87	12%	6%
6	85	12%	0%
7	82	8%	-10%
8	84	2%	-12%
9	87	-2%	-7%
10	92	-4%	-2%
11	92	-1%	3%
12	89	1%	3%
13	90	6%	-8%
14	75	3%	-14%
15	87	1%	-10%
16	89	-3%	-7%

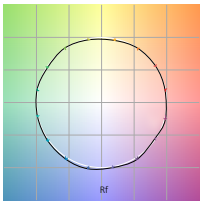
Beam Angle

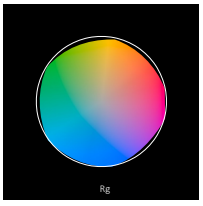


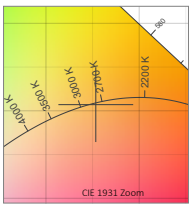
VERS-04-SK-DW-2.5HE-27-DRY-GZR

2767 K

CRI: 97.9
CRI R9: 94.9
TM30 Rf: 95.3
TM30 Rg: 100.9
CQS: 95.6
X: 0.453
Y: 0.407
U: 0.260
V: 0.350
Δuv: -0.0008





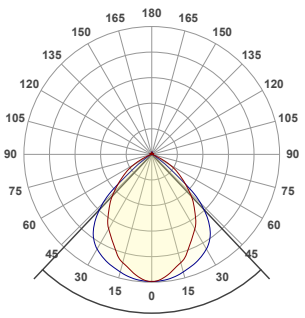


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.0	99.1	97.1	97.9	98.3	96.9	98.3	98.0	94.9	99.7	95.1	88.1	98.0	97.2	99.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	96.0	93.4	94.3	96.6	96.8	95.0	96.7	97.2	97.1	97.8	97.3	97.6	95.7	95.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
96.8	98.1	97.0	95.3	96.1	97.2	94.4	97.9	95.9	94.1	93.3	93.0	94.7	93.5	94.7	91.3

TM30

Hue Bin	R_f	Chroma	Hue
1	97	-1%	0%
2	98	0%	0%
3	97	0%	0%
4	95	-3%	-2%
5	96	-2%	1%
6	97	1%	1%
7	94	-1%	2%
8	98	1%	1%
9	96	1%	2%
10	94	1%	4%
11	93	3%	4%
12	93	4%	-1%
13	95	1%	-4%
14	93	3%	-4%
15	95	-1%	0%
16	91	1%	-7%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

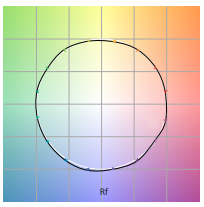
VERS-GRAZER-SK-DW-HE(04)

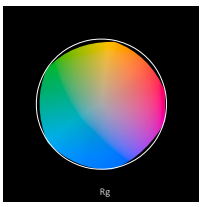
Suspended Linear Fixture Color Data

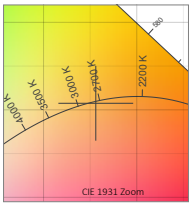
VERS-04-SK-DW-2.5HE-27-DRY-25D

2733 K

CRI: 97.8
CRI R9: 96.5
TM30 Rf: 95.6
TM30 Rg: 101.4
CQS: 95.6
X: 0.456
Y: 0.407
U: 0.261
V: 0.350
Δuv: -0.0008





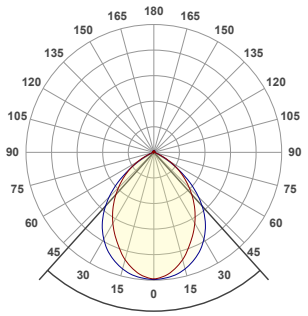


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.4	99.0	96.6	97.1	97.8	96.8	98.7	98.8	96.5	99.7	94.2	88.8	97.5	96.8	98.8
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.3	96.0	93.4	94.7	97.2	95.9	94.6	96.7	96.9	96.9	97.6	96.8	97.0	95.6	95.5
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
97.2	98.0	97.0	95.9	96.2	96.3	96.0	97.7	96.6	94.9	93.9	93.1	94.9	93.8	95.0	91.7

TM30

Hue Bin	R_f	Chroma	Hue
1	97	0%	0%
2	98	0%	0%
3	97	0%	0%
4	96	-2%	-1%
5	96	-1%	1%
6	96	1%	2%
7	96	0%	1%
8	98	1%	0%
9	97	1%	2%
10	95	1%	3%
11	94	3%	4%
12	93	4%	-1%
13	95	1%	-4%
14	94	3%	-4%
15	95	-1%	0%
16	92	1%	-6%

Beam Angle

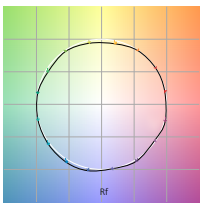


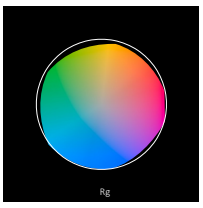
83.9°

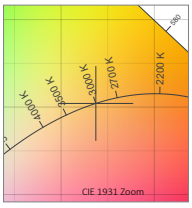
VERS-04-SK-DW-2.5HE-30-DRY-GZR

2999 K

CRI: 97.9
CRI R9: 93.9
TM30 Rf: 93.4
TM30 Rg: 99.1
CQS: 95.1
X: 0.437
Y: 0.404
U: 0.251
V: 0.348
Δuv: -0.0001





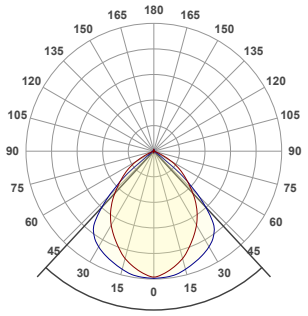


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.5	99.0	98.2	98.6	98.2	97.0	97.0	96.6	93.9	99.6	98.0	83.9	98.5	97.9	98.1
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.2	95.6	94.0	93.0	93.9	95.4	98.1	98.0	97.1	97.0	97.9	97.5	97.8	96.0	94.3
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
94.9	97.4	96.7	91.8	94.6	96.5	90.6	95.5	91.8	90.0	91.1	92.7	93.8	92.8	91.5	90.9

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	0%
3	97	0%	-1%
4	92	-5%	-3%
5	95	-4%	0%
6	96	-2%	1%
7	91	-4%	5%
8	96	-1%	3%
9	92	0%	5%
10	90	2%	6%
11	91	4%	5%
12	93	4%	-1%
13	94	0%	-5%
14	93	2%	-5%
15	91	-1%	-1%
16	91	1%	-7%

Beam Angle

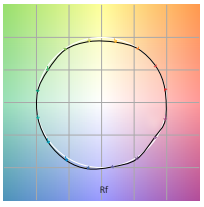


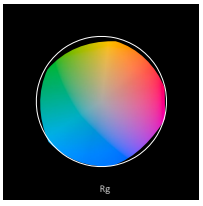
85.7°

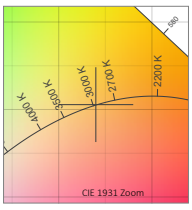
VERS-04-SK-DW-2.5HE-30-DRY-25D

2967 K

CRI: 97.9
CRI R9: 96.4
TM30 Rf: 93.4
TM30 Rg: 99.1
CQS: 95.1
X: 0.440
Y: 0.406
U: 0.252
V: 0.348
Δuv: 0.0002





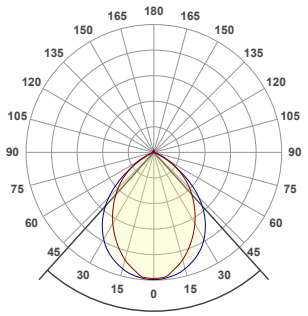


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.9	99.0	97.5	98.3	98.0	97.1	97.5	97.6	96.4	99.6	97.1	83.9	98.0	97.5	98.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
91.1	95.6	94.1	93.4	94.2	95.5	98.1	98.3	96.6	96.4	97.2	96.7	97.0	96.2	94.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.1	97.3	96.4	91.5	94.4	96.3	90.3	95.5	91.8	90.0	91.1	92.9	94.2	93.3	92.8	90.7

TM30

Hue Bin	R_f	Chroma	Hue
1	95	-1%	1%
2	97	0%	-1%
3	96	0%	-1%
4	91	-5%	-3%
5	94	-5%	0%
6	96	-2%	2%
7	90	-4%	5%
8	96	0%	3%
9	92	1%	5%
10	90	2%	6%
11	91	4%	5%
12	93	4%	-1%
13	94	0%	-4%
14	93	2%	-4%
15	93	-3%	1%
16	91	1%	-7%

Beam Angle



84.1°

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

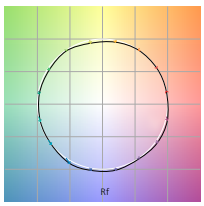
VERS-GRAZER-SK-DW-HE(04)

Suspended Linear Fixture Color Data

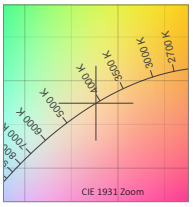
VERS-04-SK-DW-2.5HE-40-DRY-GZR

4101 K

CRI: 97.4
CRI R9: 95.5
TM30 Rf: 92.7
TM30 Rg: 100.1
CQS: 94.8
X: 0.376
Y: 0.374
U: 0.223
V: 0.333
Δuv: 0.0001





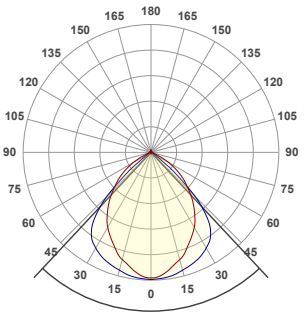


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	98.8	94.9	98.5	97.1	95.2	98.8	97.3	95.5	95.0	97.6	72.7	99.3	96.6	96.3
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
93.9	99.3	89.2	88.5	92.8	95.7	96.9	98.7	97.2	97.5	97.8	99.3	99.3	98.9	96.9
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.2	97.4	96.1	93.2	91.9	96.3	94.6	93.6	90.1	87.8	86.4	92.8	95.2	95.0	90.8	90.6

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	97	0%	0%
3	96	0%	0%
4	93	-3%	-1%
5	92	-5%	0%
6	96	-1%	1%
7	95	-3%	2%
8	94	-2%	3%
9	90	-1%	7%
10	88	0%	8%
11	86	4%	9%
12	93	3%	3%
13	95	3%	0%
14	95	1%	0%
15	91	3%	-3%
16	91	3%	-5%

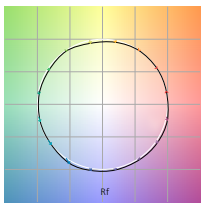
Beam Angle



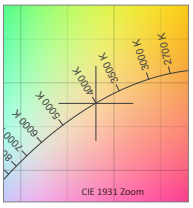
VERS-04-SK-DW-2.5HE-40-DRY-25D

3998 K

CRI: 97.7
CRI R9: 96.0
TM30 Rf: 93.1
TM30 Rg: 100.1
CQS: 95.2
X: 0.381
Y: 0.377
U: 0.225
V: 0.334
Δuv: -0.0002





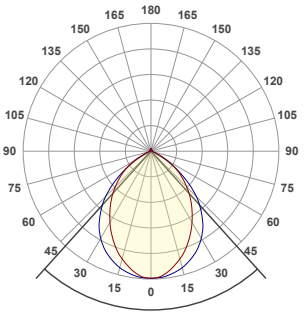


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.9	99.0	94.9	99.0	97.5	95.7	99.0	97.6	96.0	95.3	97.8	74.7	99.4	96.5	96.6
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
94.5	99.3	89.8	89.4	93.5	96.3	96.9	98.7	97.3	97.6	97.9	99.5	99.3	98.9	97.1
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
95.4	97.6	96.4	93.6	92.2	96.4	95.0	94.0	90.7	88.5	87.3	92.7	95.5	94.9	91.2	91.1

TM30

Hue Bin	R_f	Chroma	Hue
1	95	0%	0%
2	98	0%	-1%
3	96	0%	0%
4	94	-3%	-1%
5	92	-4%	0%
6	96	-1%	1%
7	95	-3%	2%
8	94	-2%	3%
9	91	-1%	7%
10	89	0%	7%
11	87	4%	8%
12	93	3%	3%
13	96	3%	0%
14	95	2%	0%
15	91	3%	-3%
16	91	2%	-4%

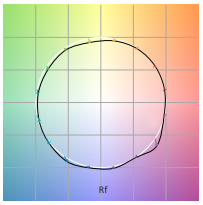
Beam Angle

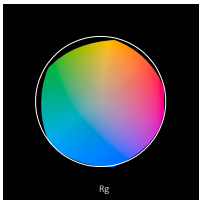


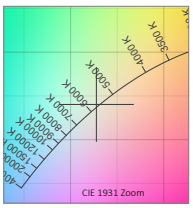
VERS-04-SK-DW-2.5HE-55-DRY-GZR

5719 K

CRI: 96.9
CRI R9: 93.5
TM30 Rf: 91.7
TM30 Rg: 99.0
CQS: 94.3
X: 0.328
Y: 0.340
U: 0.204
V: 0.318
Δuv: 0.0016





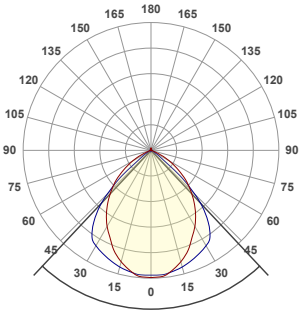


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
97.8	99.3	97.7	96.2	95.9	95.2	96.9	96.4	93.5	99.0	97.9	72.2	98.8	98.6	94.4
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.4	98.5	89.8	87.2	90.8	93.6	98.2	98.5	98.5	98.6	97.5	98.3	98.9	98.3	96.2
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.2	97.1	95.3	92.4	89.5	95.7	92.4	89.2	88.2	85.9	86.4	97.0	94.1	94.8	85.5	96.0

TM30

Hue Bin	R_f	Chroma	Hue
1	93	0%	1%
2	97	0%	0%
3	95	0%	-1%
4	92	-3%	-2%
5	90	-6%	-2%
6	96	-3%	0%
7	92	-4%	3%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	86	4%	8%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	85	9%	-7%
16	96	-1%	1%

Beam Angle



NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24

VERS-GRAZER-SK-DW-HE(04)

Suspended Linear Fixture Color Data

VERS-04-SK-DW-2.5HE-55-DRY-25D

5468 K

CRI: 97.0

CRI R9: 95.9

TM30 Rf: 91.9

TM30 Rg: 98.8

CQS: 94.3

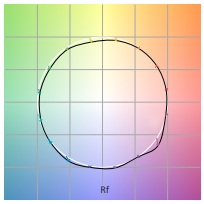
X: 0.333

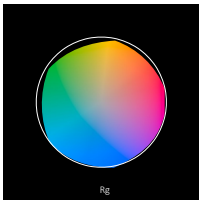
Y: 0.346

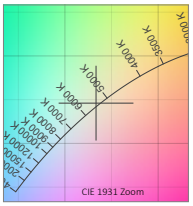
U: 0.206

V: 0.320

Δuv: 0.0012





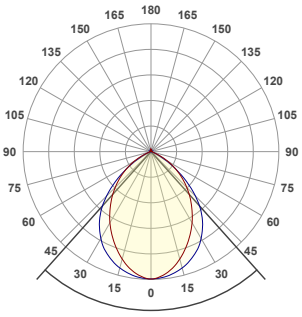


R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15
98.1	99.6	97.6	96.1	96.0	95.4	96.9	96.7	95.9	98.4	97.4	72.5	99.2	98.5	95.0
Q1	**Q2**	**Q3**	**Q4**	**Q5**	**Q6**	**Q7**	**Q8**	**Q9**	**Q10**	**Q11**	**Q12**	**Q13**	**Q14**	**Q15**
92.5	98.5	89.8	87.4	90.9	93.5	97.9	98.4	98.5	98.5	97.4	98.3	99.0	98.4	96.4
C1	**C2**	**C3**	**C4**	**C5**	**C6**	**C7**	**C8**	**C9**	**C10**	**C11**	**C12**	**C13**	**C14**	**C15**	**C16**
93.5	97.2	95.4	92.5	90.5	95.7	92.5	89.4	88.4	86.1	86.7	97.0	94.1	94.8	85.8	96.1

TM30

Hue Bin	R_f	Chroma	Hue
1	93	0%	1%
2	97	0%	0%
3	95	-1%	-1%
4	93	-3%	-2%
5	90	-6%	-1%
6	96	-3%	0%
7	92	-4%	2%
8	89	-3%	6%
9	88	-2%	11%
10	86	1%	9%
11	87	4%	7%
12	97	2%	0%
13	94	3%	-1%
14	95	0%	-2%
15	86	8%	-8%
16	96	-1%	1%

Beam Angle



83.6°

NOTES:
- CRI R values, only R1-R8 are used to calculate RA CRI values
- TM30 C values, 16 binned values out of total of 99 C values
- CQS Q values
- Data subject to change, all data has +/- 5% tolerance

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Specification subject to change. Rev-03-07-24